

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Pneumocandin B0 is the major analogue of a family of lipopeptides isolated from several species of several different genera, notably Cryptosporiopsis, Glarea and Pezicula. Pneumocandin B0 is a potent antifungal and acts by inhibition of the synthesis of ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Note</b>        | For research use only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formula</b>     | C <sub>50</sub> H <sub>80</sub> N <sub>8</sub> O <sub>17</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW</b>          | 1065.2136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>CAS Number</b>  | [135575-42-7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>SMILES</b>      | CCC(C)CC(C)CCCCCCCCC(=O)N[C@@H]1C(=O)N[C@@H]([C@@H](C)O)C(=O)N2C(C[C@@H](O)C2)C(=O)N[C@@H]3C(=O)N[C@@H](C)O[C@H]3C(=O)N[C@@H]4C(=O)N[C@@H](C)O[C@H]4C(=O)N[C@@H]5C(=O)N[C@@H](C)O[C@H]5C(=O)N[C@@H]6C(=O)N[C@@H](C)O[C@H]6C(=O)N[C@@H]7C(=O)N[C@@H](C)O[C@H]7C(=O)N[C@@H]8C(=O)N[C@@H](C)O[C@H]8C(=O)N[C@@H]9C(=O)N[C@@H](C)O[C@H]9C(=O)N[C@@H]10C(=O)N[C@@H](C)O[C@H]10C(=O)N[C@@H]11C(=O)N[C@@H](C)O[C@H]11C(=O)N[C@@H]12C(=O)N[C@@H](C)O[C@H]12C(=O)N[C@@H]13C(=O)N[C@@H](C)O[C@H]13C(=O)N[C@@H]14C(=O)N[C@@H](C)O[C@H]14C(=O)N[C@@H]15C(=O)N[C@@H](C)O[C@H]15C(=O)N[C@@H]16C(=O)N[C@@H](C)O[C@H]16C(=O)N[C@@H]17C(=O)N[C@@H](C)O[C@H]17C(=O)N[C@@H]18C(=O)N[C@@H](C)O[C@H]18C(=O)N[C@@H]19C(=O)N[C@@H](C)O[C@H]19C(=O)N[C@@H]20C(=O)N[C@@H](C)O[C@H]20C(=O)N[C@@H]21C(=O)N[C@@H](C)O[C@H]21C(=O)N[C@@H]22C(=O)N[C@@H](C)O[C@H]22C(=O)N[C@@H]23C(=O)N[C@@H](C)O[C@H]23C(=O)N[C@@H]24C(=O)N[C@@H](C)O[C@H]24C(=O)N[C@@H]25C(=O)N[C@@H](C)O[C@H]25C(=O)N[C@@H]26C(=O)N[C@@H](C)O[C@H]26C(=O)N[C@@H]27C(=O)N[C@@H](C)O[C@H]27C(=O)N[C@@H]28C(=O)N[C@@H](C)O[C@H]28C(=O)N[C@@H]29C(=O)N[C@@H](C)O[C@H]29C(=O)N[C@@H]30C(=O)N[C@@H](C)O[C@H]30C(=O)N[C@@H]31C(=O)N[C@@H](C)O[C@H]31C(=O)N[C@@H]32C(=O)N[C@@H](C)O[C@H]32C(=O)N[C@@H]33C(=O)N[C@@H](C)O[C@H]33C(=O)N[C@@H]34C(=O)N[C@@H](C)O[C@H]34C(=O)N[C@@H]35C(=O)N[C@@H](C)O[C@H]35C(=O)N[C@@H]36C(=O)N[C@@H](C)O[C@H]36C(=O)N[C@@H]37C(=O)N[C@@H](C)O[C@H]37C(=O)N[C@@H]38C(=O)N[C@@H](C)O[C@H]38C(=O)N[C@@H]39C(=O)N[C@@H](C)O[C@H]39C(=O)N[C@@H]40C(=O)N[C@@H](C)O[C@H]40C(=O)N[C@@H]41C(=O)N[C@@H](C)O[C@H]41C(=O)N[C@@H]42C(=O)N[C@@H](C)O[C@H]42C(=O)N[C@@H]43C(=O)N[C@@H](C)O[C@H]43C(=O)N[C@@H]44C(=O)N[C@@H](C)O[C@H]44C(=O)N[C@@H]45C(=O)N[C@@H](C)O[C@H]45C(=O)N[C@@H]46C(=O)N[C@@H](C)O[C@H]46C(=O)N[C@@H]47C(=O)N[C@@H](C)O[C@H]47C(=O)N[C@@H]48C(=O)N[C@@H](C)O[C@H]48C(=O)N[C@@H]49C(=O)N[C@@H](C)O[C@H]49C(=O)N[C@@H]50C(=O)N[C@@H](C)O[C@H]50C(=O)N[C@@H]51C(=O)N[C@@H](C)O[C@H]51C(=O)N[C@@H]52C(=O)N[C@@H](C)O[C@H]52C(=O)N[C@@H]53C(=O)N[C@@H](C)O[C@H]53C(=O)N[C@@H]54C(=O)N[C@@H](C)O[C@H]54C(=O)N[C@@H]55C(=O)N[C@@H](C)O[C@H]55C(=O)N[C@@H]56C(=O)N[C@@H](C)O[C@H]56C(=O)N[C@@H]57C(=O)N[C@@H](C)O[C@H]57C(=O)N[C@@H]58C(=O)N[C@@H](C)O[C@H]58C(=O)N[C@@H]59C(=O)N[C@@H](C)O[C@H]59C(=O)N[C@@H]60C(=O)N[C@@H](C)O[C@H]60C(=O)N[C@@H]61C(=O)N[C@@H](C)O[C@H]61C(=O)N[C@@H]62C(=O)N[C@@H](C)O[C@H]62C(=O)N[C@@H]63C(=O)N[C@@H](C)O[C@H]63C(=O)N[C@@H]64C(=O)N[C@@H](C)O[C@H]64C(=O)N[C@@H]65C(=O)N[C@@H](C)O[C@H]65C(=O)N[C@@H]66C(=O)N[C@@H](C)O[C@H]66C(=O)N[C@@H]67C(=O)N[C@@H](C)O[C@H]67C(=O)N[C@@H]68C(=O)N[C@@H](C)O[C@H]68C(=O)N[C@@H]69C(=O)N[C@@H](C)O[C@H]69C(=O)N[C@@H]70C(=O)N[C@@H](C)O[C@H]70C(=O)N[C@@H]71C(=O)N[C@@H](C)O[C@H]71C(=O)N[C@@H]72C(=O)N[C@@H](C)O[C@H]72C(=O)N[C@@H]73C(=O)N[C@@H](C)O[C@H]73C(=O)N[C@@H]74C(=O)N[C@@H](C)O[C@H]74C(=O)N[C@@H]75C(=O)N[C@@H](C)O[C@H]75C(=O)N[C@@H]76C(=O)N[C@@H](C)O[C@H]76C(=O)N[C@@H]77C(=O)N[C@@H](C)O[C@H]77C(=O)N[C@@H]78C(=O)N[C@@H](C)O[C@H]78C(=O)N[C@@H]79C(=O)N[C@@H](C)O[C@H]79C(=O)N[C@@H]80C(=O)N[C@@H](C)O[C@H]80C(=O)N[C@@H]81C(=O)N[C@@H](C)O[C@H]81C(=O)N[C@@H]82C(=O)N[C@@H](C)O[C@H]82C(=O)N[C@@H]83C(=O)N[C@@H](C)O[C@H]83C(=O)N[C@@H]84C(=O)N[C@@H](C)O[C@H]84C(=O)N[C@@H]85C(=O)N[C@@H](C)O[C@H]85C(=O)N[C@@H]86C(=O)N[C@@H](C)O[C@H]86C(=O)N[C@@H]87C(=O)N[C@@H](C)O[C@H]87C(=O)N[C@@H]88C(=O)N[C@@H](C)O[C@H]88C(=O)N[C@@H]89C(=O)N[C@@H](C)O[C@H]89C(=O)N[C@@H]90C(=O)N[C@@H](C)O[C@H]90C(=O)N[C@@H]91C(=O)N[C@@H](C)O[C@H]91C(=O)N[C@@H]92C(=O)N[C@@H](C)O[C@H]92C(=O)N[C@@H]93C(=O)N[C@@H](C)O[C@H]93C(=O)N[C@@H]94C(=O)N[C@@H](C)O[C@H]94C(=O)N[C@@H]95C(=O)N[C@@H](C)O[C@H]95C(=O)N[C@@H]96C(=O)N[C@@H](C)O[C@H]96C(=O)N[C@@H]97C(=O)N[C@@H](C)O[C@H]97C(=O)N[C@@H]98C(=O)N[C@@H](C)O[C@H]98C(=O)N[C@@H]99C(=O)N[C@@H](C)O[C@H]99C(=O)N[C@@H]100C(=O)N[C@@H](C)O[C@H]100C(=O)N[C@@H]101C(=O)N[C@@H](C)O[C@H]101C(=O)N[C@@H]102C(=O)N[C@@H](C)O[C@H]102C(=O)N[C@@H]103C(=O)N[C@@H](C)O[C@H]103C(=O)N[C@@H]104C(=O)N[C@@H](C)O[C@H]104C(=O)N[C@@H]105C(=O)N[C@@H](C)O[C@H]105C(=O)N[C@@H]106C(=O)N[C@@H](C)O[C@H]106C(=O)N[C@@H]107C(=O)N[C@@H](C)O[C@H]107C(=O)N[C@@H]108C(=O)N[C@@H](C)O[C@H]108C(=O)N[C@@H]109C(=O)N[C@@H](C)O[C@H]109C(=O)N[C@@H]110C(=O)N[C@@H](C)O[C@H]110C(=O)N[C@@H]111C(=O)N[C@@H](C)O[C@H]111C(=O)N[C@@H]112C(=O)N[C@@H](C)O[C@H]112C(=O)N[C@@H]113C(=O)N[C@@H](C)O[C@H]113C(=O)N[C@@H]114C(=O)N[C@@H](C)O[C@H]114C(=O)N[C@@H]115C(=O)N[C@@H](C)O[C@H]115C(=O)N[C@@H]116C(=O)N[C@@H](C)O[C@H]116C(=O)N[C@@H]117C(=O)N[C@@H](C)O[C@H]117C(=O)N[C@@H]118C(=O)N[C@@H](C)O[C@H]118C(=O)N[C@@H]119C(=O)N[C@@H](C)O[C@H]119C(=O)N[C@@H]120C(=O)N[C@@H](C)O[C@H]120C(=O)N[C@@H]121C(=O)N[C@@H](C)O[C@H]121C(=O)N[C@@H]122C(=O)N[C@@H](C)O[C@H]122C(=O)N[C@@H]123C(=O)N[C@@H](C)O[C@H]123C(=O)N[C@@H]124C(=O)N[C@@H](C)O[C@H |