Product Name: Aspartocin D

Product Number: A131

CAS Number: N/A

Molecular Formula: C_{56}H_{87}N_{13}O_{20}

Molecular Weight: 1262.4

Appearance: Off white to fawn solid

Storage Conditions: -20°C

Description: Aspartocin D is a minor analogue of the amphomycin complex, a family of lipopeptide antibiotics produced by Streptomyces canus, isolated and reported by researchers at Fujian Institute of Microbiology in China in 2014. Aspartocin D is active against Gram positive bacteria and is presumed to act by inhibiting bacterial cell wall peptidoglycan synthesis, however its bioprofile and potential utility has not been extensively investigated.

Aspartocin D is soluble in ethanol, methanol, DMF and DMSO.

Mechanism of Action: Aspartocin D is presumed to act by inhibiting bacterial cell wall peptidoglycan synthesis, however its bioprofile and potential utility has not been extensively investigated.

References:


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