Aspartocin D

Specifications
- CAS #: 1562369-96-3
- Molecular Formula: C_{56}H_{87}N_{13}O_{20}
- Molecular Weight: 1262.4
- Source: Streptomyces sp.
- Appearance: Off white to fawn solid
- Purity: >95% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes
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.

References