Hirsutide

CODE NO.: BIA-H1635

Pack sizes: 1 mg, 5 mg

Specifications

Synonyms: 

CAS #: 865368-30-5
Molecular Formula: C_{34}H_{40}N_{4}O_{4}
Molecular Weight: 568.7
Source: Aspergillus sp.
Appearance: Beige solid
Purity: >95% by HPLC
Long Term Storage: -20°C
Solubility: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Hirsutide is cyclic tetrapeptide isolated from an entomopathogenic fungus, Hirsutella sp., recovered from an infected spider by Munro and Blunt in New Zealand in 2005. Hirsutide was inactive against a limited cohort of bacteria and fungi and had no mammalian toxicity. However, subsequent synthesis and testing against other tumor cell lines, Gram negative bacteria, nematodes and pathogenic fungi revealed hirsutide to possess a broad bioprofile.

References