

Product Datasheet

Polyphemusin II-Derived Peptide (orb1980789)

Catalog Number	orb1980789
Category	Proteins
Description	T140 is a CXCR4 inhibitor derived from Polyphemusin II. It potently blocks HIV-1 entry and interferes with the 12G5 antibody's binding to the CXCR4 receptor. This peptide is a valuable research tool for studying viral entry mechanisms and CXCR4 function in both in vitro and in vivo models.
Target	CXCR
MW	2037.42
CAS Number	229030-20-0
Formula	C ₉₀ H ₁₄₁ N ₃₃ O ₁₈ S ₂
SMILES	[H][C@@]12CCCN1C(=O)[C@@H](CCCCN)NC(=O)[C@H](CCCCN)NC(=O)[C@H](CCCN(C)=N)NC(=O)[C@H](Cc1ccc(O)cc1)NC(=O)[C@H](CSSC[C@H](NC(=O)[C@H](CCCN(C)=O)NC(=O)[C@H](CCCN(C)=N)NC(=O)[C@H](Cc1ccc(O)cc1)NC2=O)C(=O)N[C@@H](CCCN(C)=N)C(O)=O)NC(=O)[C@H](Cc1ccc2ccccc2c1)NC(=O)[C@H](CCCN(C)=N)NC(=O)[C@@H](N)CCCN(C)=N
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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