Product Datasheet

LL-37(17-32) (orb2277236)

Catalog Number	orb2277236
Description	LL-37(17-32) is a biologically active peptide fragment derived from the C-terminal domain of human cathelicidin antimicrobial peptide. This segment reverses ABCG2-mediated multidrug resistance in cancer cell lines, highlighting its potential therapeutic role against drug resistance.
Storage	-20°C
Note	For research use only
Formula	$C_{95}H_{161}N_{29}O_{21}$
Purity	98.00%
MW	2045.48
CAS Number	717919-61-4
SMILES	[C@@H](CC1=CC=CC=C1)(NC([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@H](CC2=CC=CC=C2)N)=O)CCCCN)=O)CCCNC(=N)N)=O)[C@H](CC)C)=O)C(C)C)=O)CCC(N)=O)=O)CCCNC(=N)N)=O)[C@H](CC)C)=O)CCCCN)=O)CC(O)=O)=O)C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@@H]([C@H](C)C)C(O)=O)=O)CC(C)C)=O)CC(N)=O)=O)CCCNC(=N)N)=O)CC(C)C)=O
Expiration Date	12 months from date of receipt.

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