

Product Datasheet

Alloferon 1 (orb1941628)

Catalog Number	orb1941628
Category	Small Molecules
Description	Alloferon 1 is a peptide isolated from the blow fly <i>Calliphora vicina</i> , exhibiting immunomodulatory, antiviral, and antitumoral activities. It enhances natural killer cell cytotoxicity and interferon production in vitro and shows efficacy in murine models of viral infection, tumor challenge, and carrageenan-induced inflammation for immunology and oncology research.
MW	1265.3
CAS Number	347884-61-1
Formula	C ₅₂ H ₇₆ N ₂₂ O ₁₆
SMILES	<chem>[C@@H](CC1=CN=CN1)(NC([C@@H](NC(CNC([C@H](CC2=CN=CN2)NC(CNC([C@@H](NC([C@@H](NC(CNC([C@H](CC3=CN=CN3)N)=O)=O)[C@@H](C)C)=O)C(O)=O)=O)=O)CCC(N)=O)=O)C(NCC(N[C@H](C(N[C@@H](CC4=CN=CN4)C(NCC(O)=O)=O)=O)[C@@H](C)C)=O)=O</chem>
Storage	-20°C
Note	For research use only

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