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DATASHEET

Actinonin

Product overview

Name	Actinonin
Cat No	HB3737
Purity	>97%
Description	Broad metalloprotease inhibitor

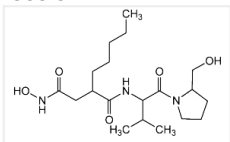
Biological Data

Biological description	Antibiotic. Aminopeptidase M, N and leucine and alanine aminopeptidase inhibitor. Potent peptide deformylase (PDF) inhibitor. Inhibits MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-12 and MMP-13, but not MMP-14. Anticancer compound. Antiproliferative. Shows antitumor activity in vitro and in vivo. Meprin A inhibitor.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	385.5
Chemical structure	
CAS Number	13434-13-4
PubChem identifier	0
SMILES	<chem>CCCC[C@H](CC(=O)NO)C(=O)N[C@@H](C(C)C)C(=O)N1CCC[C@H]1CO</chem>
InChiKey	XJLATMLVMSFZBN-UHFFFAOYSA-N
Appearance	White solid