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DATASHEET

Echinospirin

Product overview

Name	Echinospirin
Cat No	HB3882
Alternative names	Quinomycin A
Purity	>98%
Description	G(2)/M phase cell cycle inhibitor

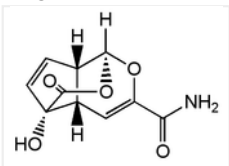
Biological Data

Biological description	Antibiotic. Cell cycle inhibitor at the G(2)/M phase. Antitumor compound. Apoptosis inducer.
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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

Chemical name	(1S,4aS,5S,7aS)-5-Hydroxy-8-oxo-1,4a,5,7a-tetrahydro-1,5-(epoxymethano)cyclopenta pyran-3-carboxamide
Molecular Weight	223.2
Chemical structure	
Molecular Formula	C ₅₁ H ₆₄ N ₁₂ O ₁₂ S ₂
CAS Number	79127-35-8
PubChem identifier	91826096
SMILES	<chem>O=C(N[C@](C(N[C@H](C(N(C)[C@@](C(SC[C@@](N(C)C([C@H](C)NC4=O)=O)([H])C3=O)SC)([H])C(N(C)[C@@H]([C@@H](C)C)C(OC[C@]([H])4NC(C5=CN=C(C=CC=C6)C6=N5)=O)=O)=O)C)=O)([H])COC([C@H]([C@@H](C)C)N3C)=O)C2=NC1=CC=CC=C1N=C2</chem>
InChiKey	OXSZHYWOGQJUST-PDXIVQBHSA-N
Appearance	White to off-white solid