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DATASHEET

Atpenin A5

Product overview

Name	Atpenin A5
Cat No	HB3783
Purity	>95%
Description	Potent and specific mitochondrial complex II inhibitor

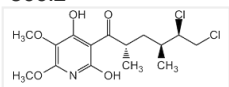
Biological Data

Biological description	Antibiotic. Antifungal. Potent and specific mitochondrial complex II (succinate-ubiquinone oxidoreductase) inhibitor. Mitochondrial ATP-sensitive potassium (mK(ATP)) channel activator. Cardioprotective. Modulates mitochondrial ROS generation during cardioprotection.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO, ethanol, methanol
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	3-[(2S,4S,5R)-5,6-Dichloro-2,4-dimethyl-1-oxohexyl]-4-hydroxy-5,6-dimethoxy-2(1H)-pyridinone
Molecular Weight	366.2
Chemical structure	
Molecular Formula	C ₁₅ H ₂₁ Cl ₂ NO ₅
CAS Number	119509-24-9
PubChem identifier	0
SMILES	<chem>COC1=C(OC)C(=O)C(=C(O)N1)C(=O)[C@@H](C)C[C@H](C)[C@@H](Cl)CCl</chem>
InChiKey	OVULNOOPECCZRG-CIUDSAMLSA-N
Appearance	White to off-white solid