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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

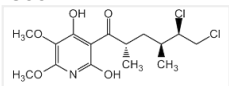
Biological Data

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
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	OVULN0OPECCZRG-CIUDSAML5A-N
Appearance	White to off-white solid