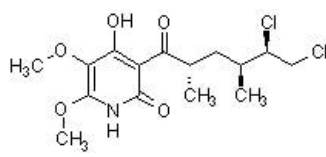


Product datasheet

Atpenin A5, ubiquinone-binding site mitochondrial complex II inhibitor ab144194

[2 References](#) [1 Image](#)

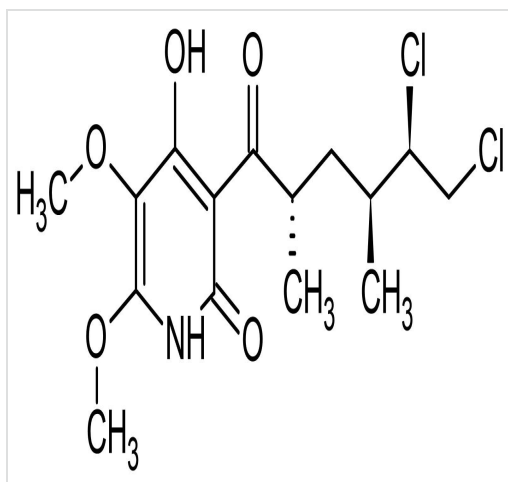
Overview

Product name	Atpenin A5, ubiquinone-binding site mitochondrial complex II inhibitor
Description	Highly selective, potent ubiquinone-binding site mitochondrial complex II inhibitor
Purity	> 95%
CAS Number	119509-24-9
Chemical structure	

Properties

Chemical name	3-[(2S,4S,5R)-5,6-Dichloro-2,4-dimethylhexanoyl]-4-hydroxy-5,6-dimethoxy-1H-pyridin-2-one
Molecular weight	366.24
Molecular formula	C ₁₅ H ₂₁ Cl ₂ NO ₅
PubChem identifier	54676868
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol and in DMSO
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C[C@@H](C[C@H](C)C(=O)C1=C(C(=C(NC1=O)OC)OC)O)[C@H](CCl)Cl</chem>
Source	Synthetic

Images



Chemical Structure - Atpenin A5, ubiquinone-binding site mitochondrial complex II inhibitor (ab144194)

2D chemical structure image of ab144194, Atpenin A5, ubiquinone-binding site mitochondrial complex II inhibitor

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