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DATASHEET

Heliquinomycin

Product overview

Name	Heliquinomycin
Cat No	HB3928
Biological action	Inhibitor
Purity	>80%
Description	DNA helicase inhibitor

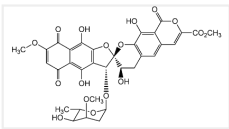
Biological Data

Biological description	Antibiotic. DNA helicase inhibitor. Inhibits the DNA helicase activity of the human minichromosome maintenance (MCM) 4/6/7 complex. Topoisomerase I and II inhibitor (weaker than DNA helicase). DNA and RNA synthesis inhibitor in cell culture. Does not inhibit protein synthesis. Induces cell cycle arrest. Anticancer compound. Antibacterial against Gram-positive bacteria.
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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	698.6
Chemical structure	
CAS Number	178182-49-5
PubChem identifier	0
SMILES	<chem>COC1CC(OC(C)C1O)O[C@@H]2c3c(O)c4C(=O)C=C(OC)C(=O)c4c(O)c3O[C@@]25Oc6c(O)c7C(=O)OC(=Cc7cc6C[C@H]5O)C(=O)OC</chem>
InChiKey	MLFZQFHGXSVTGX-VJANPNJ TSA-N
Appearance	Red powder