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# **DATASHEET**

Heliquinomycin

#### **Product overview**

Name Heliquinomycin Cat No HB3928 **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.

## **Solubility & Handling**

Storage instructions

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

**Important** 

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

+4°C

#### **Chemical Data**

Molecular Weight Chemical structure 698.6 178182-49-5

**CAS Number PubChem identifier** 

**InChiKey** 

**SMILES** 

=O)OC(=Cc7cc6C[C@H]5O)C(=O)OC MLFZQFHGXSVTGX-VJANPNJTSA-N

**Appearance** Red powder