

ARN24139

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	ARN24139 is a topoisomerase II poison (IC50= 7.3 μ M in a topoisomerase II decatenation assay). It inhibits proliferation of DU145, HeLa, and A549 cells (IC50s = 4.7, 3.8, and 3.1 μ M, respectively).
Targets(IC50)	Others, Topoisomerase

Solubility Information

Solubility	DMSO: 10 mg/mL, Sonication is recommended. DMF: 30 mg/mL, Sonication is recommended. DMF:PBS (pH 7.2) (1:3): 0.25 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Arencibia, J.M., Brindani, N., Franco-Ulloa, S., et al. Design, synthesis, dynamic docking, biochemical characterization, and in vivo pharmacokinetics studies of novel topoisomerase II poisons with promising antiproliferative activity. Med. Chem. 63(7)3508-3521(2020)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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