

FQI 1

Chemical Properties

CAS No. : 599151-35-6

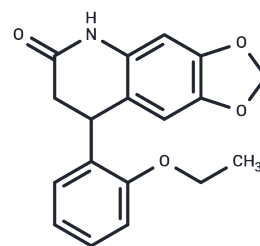
Formula: C₁₈H₁₇NO₄

Molecular Weight: 311.33

Storage: Store at low temperature, Keep away from direct sunlight

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	FQI 1 is a selective late-stage SV40 factor (LSF) inhibitor with anticancer activity that exerts its antiproliferative activity by disrupting the mitotic spindle. FQI 1 inhibits the proliferation of NIH/3T3, HeLa, and A549 cells, and can be used in the study of cancers.
Targets(IC50)	ERK, Others

Solubility Information

Solubility	DMSO: 30 mg/mL (96.36 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.212 mL	16.0601 mL	32.1203 mL
5 mM	0.6424 mL	3.212 mL	6.4241 mL
10 mM	0.3212 mL	1.606 mL	3.212 mL
50 mM	0.0642 mL	0.3212 mL	0.6424 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ulla Hansen, et al. Inhibitors of late sv40 factor (lsf) as cancer chemotherapeutics. WO2012050985.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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