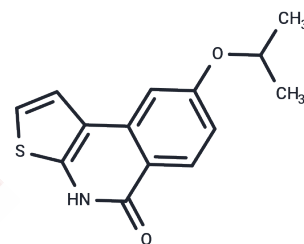


ART-IN-1

Chemical Properties

CAS No. :	2418014-98-7
Formula:	C14H13NO2S
Molecular Weight:	259.32
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	ART-IN-1 (compound 7) is a selective inhibitor of PARP with IC50 values of 19 μ M for PARP2, 22 μ M for TNKS2, 2.4 μ M for PARP10, >100 μ M for PARP14, and 1.1 μ M for PARP15 [1].
Targets(IC50)	Others,PARP
In vitro	ART-IN-1 (compound 7) (0-100 μ M) is an analog of TIQ-A that inhibits PARP2 (IC50 = 19 μ M), TNKS2 (IC50 = 22 μ M), PARP10 (IC50 = 2.4 μ M), PARP14 (IC50 > 100 μ M), and PARP15 (IC50 = 1.1 μ M) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8562 mL	19.2812 mL	38.5624 mL
5 mM	0.7712 mL	3.8562 mL	7.7125 mL
10 mM	0.3856 mL	1.9281 mL	3.8562 mL
50 mM	0.0771 mL	0.3856 mL	0.7712 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481