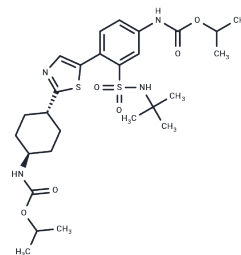


Emzadirib

Chemical Properties

CAS No. :	2301085-04-9
Formula:	C ₂₇ H ₄₀ N ₄ O ₆ S ₂
Molecular Weight:	580.76
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Emzadirib (RAD51-IN-2) is a potent inhibitor of RAD51, showing potential anticancer activity and useful for studying DNA damage repair.
Targets(IC50)	DNA/RNA Synthesis
In vitro	The EC ₅₀ values in various cell lines with different expression levels of activation-induced cytidine deaminase (AICDA) indicate good activity in the Daudi, U-698-M, and CCRF-SB cancer cell lines[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (137.75 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	1.7219 mL	8.6094 mL	17.2188 mL
5 mM	0.3444 mL	1.7219 mL	3.4438 mL
10 mM	0.1722 mL	0.8609 mL	1.7219 mL
50 mM	0.0344 mL	0.1722 mL	0.3444 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

Alfredo C. Castro, et al. Rad51 inhibitors. WO2019/051465A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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