Data Sheet (Cat.No.T40242)



DEPTOR-IN-1

Chemical Properties

CAS No.: 2615911-12-9

Formula: C24H16Cl2FNO4

Molecular Weight: 472.29

Appearance: no data available

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

Biological Description

Description	DEPTOR-IN-1 is an inhibitor of DEPTOR with a Kd of 9.3 μM.	
Targets(IC50)	Others	

Solubility Information

	DMSO: 3.33 mg/mL (7.06 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1173 mL	10.5867 mL	21.1734 mL
5 mM	0.4235 mL	2.1173 mL	4.2347 mL
10 mM	0.2117 mL	1.0587 mL	2.1173 mL
50 mM	0.0423 mL	0.2117 mL	0.4235 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.

Reference

Hou Y, et al. Design, Synthesis, and Biological Evaluation of Icaritin Derivatives as Novel Putative DEPTOR Inhibitors for Multiple Myeloma Treatment. J Med Chem. 2021 Oct 28;64(20):14942-14954.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

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