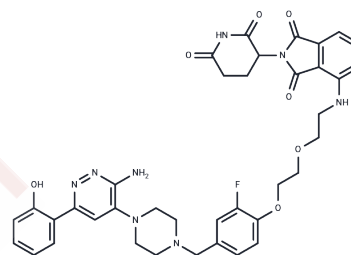


YD23

Chemical Properties

CAS No. : 2951015-29-3
 Formula: C₃₈H₃₉FN₈O₇
 Molecular Weight: 738.76
 Storage: Store at low temperature
 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	YD23 is a PROTAC that induces SMARCA2 degradation, has anticancer activity, and selectively inhibits the growth of SMARCA4 mutant lung cancer cells in vitro.
Targets(IC50)	Epigenetic Reader Domain,PROTACs

Solubility Information

Solubility	H ₂ O: Insoluble. DMSO: 80 mg/mL (108.29 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	1.3536 mL	6.7681 mL	13.5362 mL
5 mM	0.2707 mL	1.3536 mL	2.7072 mL
10 mM	0.1354 mL	0.6768 mL	1.3536 mL
50 mM	0.0271 mL	0.1354 mL	0.2707 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

Sasi Kotagiri, et al. Abstract 6289: Enhancer reprogramming by novel SMARCA2 degrading PROTACs underlies therapeutic utility in SMARCA4 mutant tumors. Cancer Res 1 April 2023; 83 (7_Supplement): 6289.

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