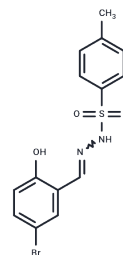


dCeMM1

Chemical Properties

CAS No. :	118719-16-7
Formula:	C ₁₄ H ₁₃ BrN ₂ O ₃ S
Molecular Weight:	369.23
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	dCeMM1, a RBM39 glue degrader, re-directs the activity of the CRL4DCAF15 ligase and decreases RBM39 expression levels in WT KBM7 cells.
Targets(IC50)	Molecular Glues, PROTACs
In vitro	dCeMM1 (0-100 μM; 3 days) inhibited cell growth with EC50 values of 3 and 8 μM for WT and UBE2Mmut KBM7 cells, respectively, and at 10 μM for 12-16 hours, it reduced RBM39 expression in WT KBM7 cells [1].

Solubility Information

Solubility	DMSO: 1.8 mg/mL (4.88 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7083 mL	13.5417 mL	27.0834 mL
5 mM	0.5417 mL	2.7083 mL	5.4167 mL
10 mM	0.2708 mL	1.3542 mL	2.7083 mL
50 mM	0.0542 mL	0.2708 mL	0.5417 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

Mayor-Ruiz C, et al. Rational discovery of molecular glue degraders via scalable chemical profiling. Nat Chem Biol. 2020 Nov;16(11):1199-1207.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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