

MAK683-CH₂CH₂COOH

Chemical Properties

CAS No. : 2639882-68-9

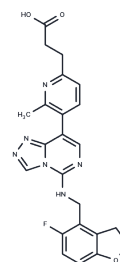
Formula: C₂₃H₂₁FN₆O₃

Molecular Weight: 448.45

Keep away from direct sunlight

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	MAK683-CH ₂ CH ₂ COOH binds to EED (embryonic ectoderm development protein) and, together with a VHL ligand for the E3 ubiquitin ligase, has been used to design EED-Targeted PROTACs, specifically EED degrader-1 and PROTAC EED degrader-2 [1].
Targets(IC50)	Others, Histone Methyltransferase, Ligands for Target Protein for PROTAC
In vitro	With 14 days treatment, MAK683-CH ₂ CH ₂ COOH inhibits Karpas422 cells with a GI 50 of 14 nM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2299 mL	11.1495 mL	22.299 mL
5 mM	0.446 mL	2.2299 mL	4.4598 mL
10 mM	0.223 mL	1.115 mL	2.2299 mL
50 mM	0.0446 mL	0.223 mL	0.446 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

Hsu JH, et al. EED-Targeted PROTACs Degrade EED, EZH2, and SUZ12 in the PRC2 Complex. Cell Chem Biol. 2019 Nov 26. pii: S2451-9456(19)30362-9.

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