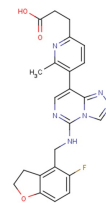


MAK683-CH₂CH₂COOH**Chemical Properties**

CAS No.:	T13765
Formula:	C ₂₃ H ₂₁ N ₆ O ₃
Molecular Weight:	448.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	MAK683-CH ₂ CH ₂ COOH and a VHL ligand for the E3 ubiquitin ligase have been used to design PROTAC EED degrader-1 and PROTAC EED degrader-2. MAK683-CH ₂ CH ₂ COOH binds to EED (embryonic ectoderm development protein).
Targets(IC ₅₀)	Others: None
In vitro	MAK683-CH ₂ CH ₂ COOH inhibits Karpas422 cells with a GI ₅₀ of 14 nM for 14 days treatment[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.23 mL	11.15 mL	22.299 mL
5 mM	0.446 mL	2.23 mL	4.46 mL
10 mM	0.223 mL	1.115 mL	2.23 mL
50 mM	0.045 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. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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