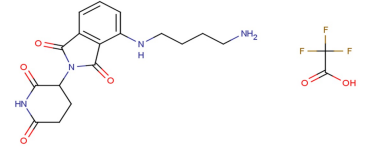


Data Sheet (Cat.No.T18808)

Thalidomide-NH-C4-NH2 TFA

Chemical Properties

CAS No.:	2093387-50-7
Formula:	C ₁₉ H ₂₁ F ₃ N ₄ O ₆
Molecular Weight:	458.39
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Thalidomide-NH-C4-NH2 TFA (compound 29c) is an E3 ligase ligand-linker conjugate, and incorporates the Thalidomide based cereblon ligand and a linker. Thalidomide-NH-C4-NH2 TFA is used in PROTAC BRD2/BRD4 degrader-1. PROTAC BRD2/BRD4 degrader-1 is a potent and selective BET protein BRD4 and BRD2 degrader[1].
Targets(IC ₅₀)	Cereblon: None

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	2.182 mL	10.908 mL	21.815 mL
5 mM	0.436 mL	2.182 mL	4.363 mL
10 mM	0.218 mL	1.091 mL	2.182 mL
50 mM	0.044 mL	0.218 mL	0.436 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. Jiang F, et al. Discovery of novel small molecule induced selective degradation of the bromodomain and extra-terminal (BET) bromodomain protein BRD4 and BRD2 with cellular potencies. *Bioorg Med Chem*. 2020 Jan 1;28(1):115181.

Inhibitors · Natural Compounds · Compound Libraries

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