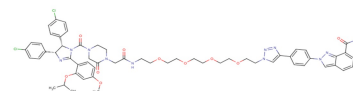


PROTAC PARP1 degrader

Chemical Properties

CAS No.:	2369022-68-2
Formula:	C ₅₈ H ₆₃ Cl ₂ N ₁₁ O ₁₀
Molecular Weight:	1145.09
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PROTAC PARP1 degrader is a degrader of PARP1 based on the PROTAC technology. PROTAC PARP1 degrader at 10 μ M at 24 h inhibits MDA-MB-231 cell line (IC ₅₀ of 6.12 μ M).
Targets(IC ₅₀)	PARP1: None MDM2: 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	0.873 mL	4.366 mL	8.733 mL
5 mM	0.175 mL	0.873 mL	1.747 mL
10 mM	0.087 mL	0.437 mL	0.873 mL
50 mM	0.017 mL	0.087 mL	0.175 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. Zhao Q, et al. Induction of apoptosis in MDA-MB-231 breast cancer cells by a PARP1-targeting PROTAC small molecule. Chem Commun (Camb). 2019 Jan 2;55(3):369-372.

Inhibitors · Natural Compounds · Compound Libraries

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