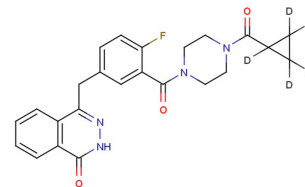


Olaparib D5

Chemical Properties

CAS No.:	2143107-56-4
Formula:	C ₂₄ H ₁₈ D ₅ FN ₄ O ₃
Molecular Weight:	439.49
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Olaparib D5 is a deuterium labeled Olaparib. Olaparib is a potent and oral inhibitor of PARP.
Targets(IC ₅₀)	Others: 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	2.275 mL	11.377 mL	22.754 mL
5 mM	0.455 mL	2.275 mL	4.551 mL
10 mM	0.228 mL	1.138 mL	2.275 mL
50 mM	0.046 mL	0.228 mL	0.455 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. Menear KA, et al. 4-[3-(4-cyclopropanecarbonylpiperazine-1-carbonyl)-4-fluorobenzyl]-2H-phthalazin-1-one: a novel bioavailable inhibitor of poly(ADP-ribose) polymerase-1. *J Med Chem.* 2008 Oct 23;51(20):6581-91.

Inhibitors · Natural Compounds · Compound Libraries

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