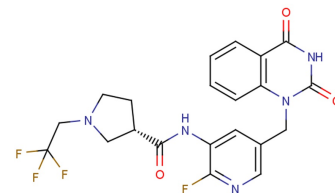


PARP-2-IN-1

Chemical Properties

CAS No.:	2115698-83-2
Formula:	C ₂₁ H ₁₉ F ₄ N ₅ O ₃
Molecular Weight:	465.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PARP-2-IN-1 is a potent and selective inhibitor of PARP-2 (IC ₅₀ of 11.5 nM).
Targets(IC ₅₀)	PARP-2: 11.5 nM

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	2.149 mL	10.743 mL	21.487 mL
5 mM	0.43 mL	2.149 mL	4.297 mL
10 mM	0.215 mL	1.074 mL	2.149 mL
50 mM	0.043 mL	0.215 mL	0.43 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 H, et al. Discovery of novel quinazoline-2,4(1H,3H)-dione derivatives as potent PARP-2 selective inhibitors. Bioorg Med Chem. 2017 Aug 1;25(15):4045-4054.

Inhibitors · Natural Compounds · Compound Libraries

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