

PARP14 inhibitor 1

Chemical Properties

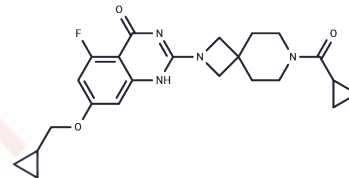
CAS No. : 3035493-13-8

Formula: C₂₃H₂₇FN₄O₃

Molecular Weight: 426.484

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	PARP14 inhibitor1 (compound Q22) is a selective inhibitor of PARP14 with an IC ₅₀ of 5.52 nM. It also exhibits anti-inflammatory properties and has a half-life of 182 minutes in mouse liver microsomes. This compound is applicable for atopic dermatitis research.
Targets(IC ₅₀)	PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3448 mL	11.7239 mL	23.4478 mL
5 mM	0.469 mL	2.3448 mL	4.6896 mL
10 mM	0.2345 mL	1.1724 mL	2.3448 mL
50 mM	0.0469 mL	0.2345 mL	0.469 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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