

ABCG2-IN-4

Chemical Properties

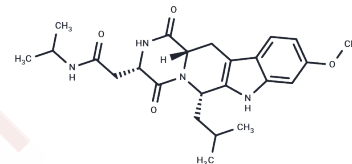
CAS No. : 2559759-63-4

Formula: C₂₄H₃₂N₄O₄

Molecular Weight: 440.535

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	ABCG2-IN-4 (Compound K31) is an orally active ABCG2 inhibitor that reduces the release of Protoporphyrin IX (PPIX) from red blood cells into the plasma and prevents phototoxicity. In mouse models, ABCG2-IN-4 also demonstrates anti-inflammatory and antioxidant properties.
Targets(IC50)	BCRP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2699 mL	11.3497 mL	22.6994 mL
5 mM	0.454 mL	2.2699 mL	4.5399 mL
10 mM	0.227 mL	1.135 mL	2.2699 mL
50 mM	0.0454 mL	0.227 mL	0.454 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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