

ABCG2-IN-1

Chemical Properties

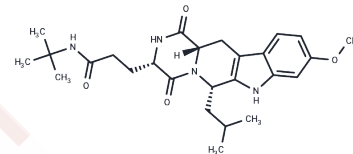
CAS No. : 2559759-40-7

Formula: C₂₆H₃₆N₄O₄

Molecular Weight: 468.59

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-1 (compound K2), an analog of Ko143, is an orally active inhibitor of ABCG2 with an IC ₅₀ of 0.13 μM, demonstrating favorable oral pharmacokinetics in mice and showing promise for further research [1].
Targets(IC ₅₀)	BCRP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1341 mL	10.6703 mL	21.3406 mL
5 mM	0.4268 mL	2.1341 mL	4.2681 mL
10 mM	0.2134 mL	1.067 mL	2.1341 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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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