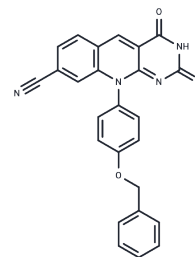


ZW-1226

Chemical Properties

CAS No. : 2351940-23-1
 Formula: C₂₅H₁₆N₄O₃
 Molecular Weight: 420.42
 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	ZW-1226 is a selective MRP1 inhibitor that reduces the uptake activity of MRP1 vesicles by 65% at a concentration of 5 μ M. It inhibits MRP1 in a GSH-dependent manner and exhibits considerable selectivity towards MRP1 over other primary ABC transport proteins (including P-gp, BCRP, MRP2, and MRP3).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3786 mL	11.8929 mL	23.7857 mL
5 mM	0.4757 mL	2.3786 mL	4.7571 mL
10 mM	0.2379 mL	1.1893 mL	2.3786 mL
50 mM	0.0476 mL	0.2379 mL	0.4757 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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