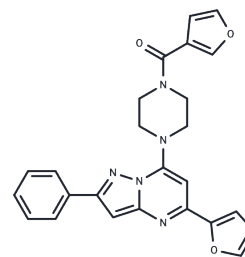


ML230

Chemical Properties

CAS No. : 1776055-05-0
 Formula: C₂₅H₂₁N₅O₃
 Molecular Weight: 439.47
 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	ML230 is a selective ATP-binding cassette (ABC) transporter ABCG2 inhibitor. It 36-fold selective for ABCG2 over ABCB1 (EC50s: 0.13 μ M and 4.65 μ M, respectively).
Targets(IC50)	BCRP, CGRP Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2755 mL	11.3773 mL	22.7547 mL
5 mM	0.4551 mL	2.2755 mL	4.5509 mL
10 mM	0.2275 mL	1.1377 mL	2.2755 mL
50 mM	0.0455 mL	0.2275 mL	0.4551 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.

Reference

Strouse JJ, et al. Selective Efflux Inhibition of ATP-binding Cassette Sub-family G Member 2. Probe Reports from the NIH Molecular Libraries Program. November 30, 2010.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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