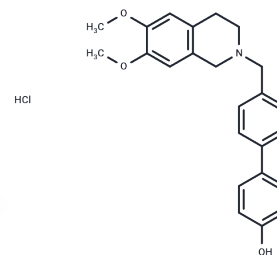


MC-70 hydrochloride

Chemical Properties

CAS No. :	2108830-71-1
Formula:	C ₂₄ H ₂₆ ClNO ₃
Molecular Weight:	411.926
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	MC-70 hydrochloride is a potent P-gp inhibitor with good selectivity towards BCRP pump (EC ₅₀ values 0.05 μM, 0.69 μM, 9.3 μM, and 73 μM for Caco-2, MDR1, MRP1, and BCRP inhibition, respectively).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4276 mL	12.138 mL	24.276 mL
5 mM	0.4855 mL	2.4276 mL	4.8552 mL
10 mM	0.2428 mL	1.2138 mL	2.4276 mL
50 mM	0.0486 mL	0.2428 mL	0.4855 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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