

MPH-220

Chemical Properties

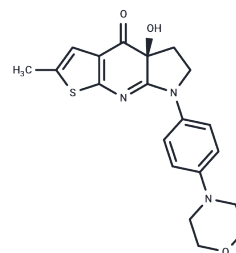
CAS No. : 2649776-79-2

Formula: C₂₀H₂₁N₃O₃S

Molecular Weight: 383.46

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	MPH-220 is a selective, orally active skeletal muscle myosin-2 inhibitor that facilitates muscle relaxation. As an anti-spastic agent, it holds potential for research into spasticity and muscle stiffness.
Targets(IC50)	Others, Myosin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6078 mL	13.0392 mL	26.0783 mL
5 mM	0.5216 mL	2.6078 mL	5.2157 mL
10 mM	0.2608 mL	1.3039 mL	2.6078 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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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