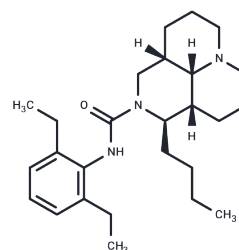


Anti-hepatic fibrosis agent 2

Chemical Properties

CAS No. :	2380421-60-1
Formula:	C ₂₆ H ₄₁ N ₃ O
Molecular Weight:	411.62
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	Compound 6k, also known as Anti-hepatic fibrosis agent 2, is an orally active inhibitor of the COL1A1 enzyme and exerts anti-fibrogenic effects by targeting the Ewing sarcoma breakpoint region 1 (EWSR1)[1].
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4294 mL	12.1471 mL	24.2943 mL
5 mM	0.4859 mL	2.4294 mL	4.8589 mL
10 mM	0.2429 mL	1.2147 mL	2.4294 mL
50 mM	0.0486 mL	0.2429 mL	0.4859 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

Bao Y, et al. Evolution and Discovery of Matrine Derivatives as a New Class of Anti-Hepatic Fibrosis Agents Targeting Ewing Sarcoma Breakpoint Region 1 (EWSR1). J Med Chem. 2023 Jun 22;66(12):7969-7987.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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