

(6R)-ML753286

Chemical Properties

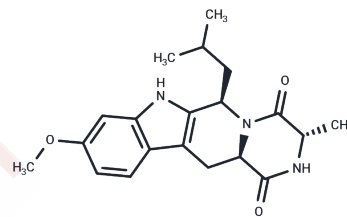
CAS No. :

Formula: C₂₀H₂₅N₃O₃

Molecular Weight: 355.43

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	'(6R)-ML753286, an isomer of ML753286, is an orally active, selective Breast Cancer Resistance Protein (BCRP) inhibitor, demonstrating an IC ₅₀ of 0.6 μM. It exhibits high permeability and low to medium clearance in rodent and human liver S9 fractions, with cross-species plasma stability [1].'
Targets(IC ₅₀)	Others,BCRP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8135 mL	14.0675 mL	28.1349 mL
5 mM	0.5627 mL	2.8135 mL	5.627 mL
10 mM	0.2813 mL	1.4067 mL	2.8135 mL
50 mM	0.0563 mL	0.2813 mL	0.5627 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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