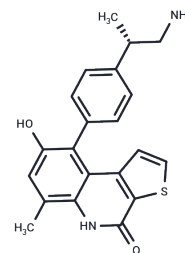


(S)-OTS514

Chemical Properties

CAS No. : 1338541-25-5
 Formula: C₂₁H₂₀N₂O₂S
 Molecular Weight: 364.46
 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	(S)-OTS514, the S-enantiomer of OTS514, is a potent inhibitor of TOPK with an IC ₅₀ of 2.6 nM. It effectively inhibits the growth of TOPK-positive tumor cells and induces cell cycle arrest and apoptosis.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7438 mL	13.7189 mL	27.4379 mL
5 mM	0.5488 mL	2.7438 mL	5.4876 mL
10 mM	0.2744 mL	1.3719 mL	2.7438 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 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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