

RPR121056

Chemical Properties

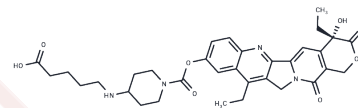
CAS No. : 181467-56-1

Formula: C₃₃H₃₈N₄O₈

Molecular Weight: 618.68

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	RPR121056 is a Irinotecan metabolite, which is generated by CYP3A4. Irinotecan is an antineoplastic agent that inhibits topoisomerase type I.
Targets(IC50)	AChR,Cholinesterase (ChE),Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6163 mL	8.0817 mL	16.1634 mL
5 mM	0.3233 mL	1.6163 mL	3.2327 mL
10 mM	0.1616 mL	0.8082 mL	1.6163 mL
50 mM	0.0323 mL	0.1616 mL	0.3233 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

Alvau MD, et al. Enzyme-Based Electrochemical Biosensor for Therapeutic Drug Monitoring of Anticancer Drug Irinotecan. Anal Chem. 2018 May 15;90(10):6012-6019.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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