

RPR 102341

Chemical Properties

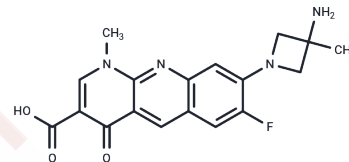
CAS No. : 149105-53-3

Formula: C₁₈H₁₇FN₄O₃

Molecular Weight: 356.35

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	RPR 102341 is an antibiotics. It is a benzonaphthhydridone, active against both gram-positive and negative bacteria.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8062 mL	14.0311 mL	28.0623 mL
5 mM	0.5612 mL	2.8062 mL	5.6125 mL
10 mM	0.2806 mL	1.4031 mL	2.8062 mL
50 mM	0.0561 mL	0.2806 mL	0.5612 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

White RB, Heyn H, Stevens JC. The effect of RPR 102341 on theophylline metabolism and phenacetin O-deethylase activity in human liver microsomes. Pharm Res. 1997 Apr;14(4):512-5. PubMed PMID: 9144741.

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