

2'-Deoxy-2'-fluoro-N3-[(pyrid-2-yl)methyl]uridine

Chemical Properties

CAS No. :

Formula: C15H16FN3O5

Molecular Weight: 337.3

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	2'-Deoxy-2'-fluoro-N3-[(pyrid-2-yl)methyl]uridine, a uridine analogue, demonstrates potential antiepileptic properties and its analogues are studied for anticonvulsant and anxiolytic effects, as well as for creating new antihypertensive agents [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9647 mL	14.8236 mL	29.6472 mL
5 mM	0.5929 mL	2.9647 mL	5.9294 mL
10 mM	0.2965 mL	1.4824 mL	2.9647 mL
50 mM	0.0593 mL	0.2965 mL	0.5929 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.

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