

Uridine-5-oxo-acetyl-(9-fluorenylmethyl) ester

Chemical Properties

CAS No. :

Formula: C₂₄H₂₄N₂O₉

Molecular Weight: 484.46

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	Uridine-5-oxo-acetyl-(9-fluorenylmethyl) ester, a purine nucleoside analogue, demonstrates broad antitumor activity, particularly against indolent lymphoid malignancies, through mechanisms including inhibition of DNA synthesis and induction of apoptosis [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0642 mL	10.3208 mL	20.6415 mL
5 mM	0.4128 mL	2.0642 mL	4.1283 mL
10 mM	0.2064 mL	1.0321 mL	2.0642 mL
50 mM	0.0413 mL	0.2064 mL	0.4128 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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