

Uridine-5-(N-Fmoc-methylamino)-acetyl (9-fluorenylmethyl) ester

Chemical Properties

CAS No. :

Formula: C41H37N3O10

Molecular Weight: 731.75

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-(N-Fmoc-methylamino)-acetyl (9-fluorenylmethyl) ester, a purine nucleoside analogue, exhibits broad antitumor activity, specifically targeting indolent lymphoid malignancies through mechanisms including the inhibition of DNA synthesis and the induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3666 mL	6.8329 mL	13.6659 mL
5 mM	0.2733 mL	1.3666 mL	2.7332 mL
10 mM	0.1367 mL	0.6833 mL	1.3666 mL
50 mM	0.0273 mL	0.1367 mL	0.2733 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481