

3-Cyanovinyl-9-(5'-O-DMT-2'-deoxyribofuranosyl)carbazole

Chemical Properties

CAS No. :

Formula: C₄₁H₃₆N₂O₅

Molecular Weight: 636.73

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	3-Cyanovinyl-9-(5'-O-DMT-2'-deoxyribofuranosyl)carbazole, a purine nucleoside analog, demonstrates extensive antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer mechanisms encompass DNA synthesis inhibition and apoptosis induction, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5705 mL	7.8526 mL	15.7052 mL
5 mM	0.3141 mL	1.5705 mL	3.141 mL
10 mM	0.1571 mL	0.7853 mL	1.5705 mL
50 mM	0.0314 mL	0.1571 mL	0.3141 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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