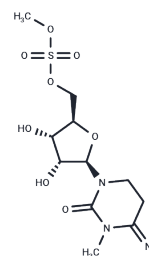


3-Methylcytidine methosulfate

Chemical Properties

CAS No. :	21028-20-6
Formula:	C11H19N3O8S
Molecular Weight:	353.35
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	3-Methylcytidine (methosulfate), a derivative of cytidine, serves as an internal standard for HPLC and is recognized for its epigenetic modification in tRNA, although its cellular role remains unclear. Research has explored its utility as a cancer biomarker, with findings indicating a notable increase in the urine of breast cancer patients.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8301 mL	14.1503 mL	28.3006 mL
5 mM	0.566 mL	2.8301 mL	5.6601 mL
10 mM	0.283 mL	1.415 mL	2.8301 mL
50 mM	0.0566 mL	0.283 mL	0.566 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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