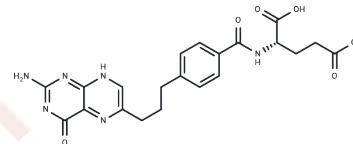


## 11-Deazahomofolic acid

## Chemical Properties

CAS No. :	119770-54-6
Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>6</sub> O <sub>6</sub>
Molecular Weight:	454.44
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	11-Deazahomofolic acid is a phosphoribosylglycinamide formyltransferase inhibitor.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2005 mL	11.0026 mL	22.0051 mL
5 mM	0.4401 mL	2.2005 mL	4.401 mL
10 mM	0.2201 mL	1.1003 mL	2.2005 mL
50 mM	0.044 mL	0.2201 mL	0.4401 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.

## Reference

Nair MG, Murthy BR, Patil SD, Kisliuk RL, Thorndike J, Gaumont Y, Ferone R, Duch DS, Edelstein MP. Folate analogues. 31. Synthesis of the reduced derivatives of 11-deazahomofolic acid, 10-methyl-11-deazahomofolic acid, and their evaluation as inhibitors of glycinamide ribonucleotide formyltransferase. J Med Chem. 1989 Jun;32(6):1277-83. PubMed PMID: 2498518.

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