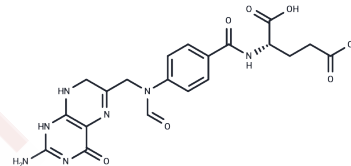


## 10-Formyldihydrofolate

## Chemical Properties

CAS No. :	28459-40-7
Formula:	C <sub>20</sub> H <sub>21</sub> N <sub>7</sub> O <sub>7</sub>
Molecular Weight:	471.43
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	10-Formyldihydrofolate is a Methotrexate metabolite. It inhibits thymidylate synthetase and glycinamide ribotide transformylase.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1212 mL	10.606 mL	21.2121 mL
5 mM	0.4242 mL	2.1212 mL	4.2424 mL
10 mM	0.2121 mL	1.0606 mL	2.1212 mL
50 mM	0.0424 mL	0.2121 mL	0.4242 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

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