Data Sheet (Cat.No.T25797)



Methotrexate 5-methyl ester

Chemical Properties

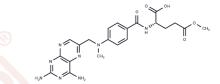
CAS No.: 67022-39-3

Formula: C21H24N8O5

Molecular Weight: 468.47

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description Methotrexate 5-methyl ester is an impurity of Methotrexate which is a folic acid

antagonist. It's used as an antineoplastic and antirheumatic.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1346 mL	10.673 mL	21.3461 mL
5 mM	0.4269 mL	2.1346 mL	4.2692 mL
10 mM	0.2135 mL	1.0673 m €	2.1346 mL
50 mM	0.0427 mL	0.2135 mL	0.4269 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.

Reference

Witt TL, Stapels SE, Matherly LH. Restoration of transport activity by co-expression of human reduced folate carrier half-molecules in transport-impaired K562 cells: localization of a substrate binding domain to transmembrane

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