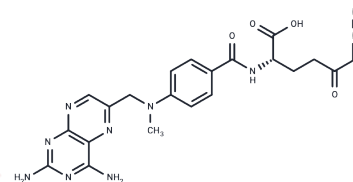


Diazoketone methotrexate

Chemical Properties

CAS No. : 82972-54-1
Formula: C₂₁H₂₂N₁₀O₄
Molecular Weight: 478.46
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Diazoketone methotrexate is an analog of methotrexate with potential antitumor activity.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.090 mL	10.4502 mL	20.9004 mL
5 mM	0.418 mL	2.090 mL	4.1801 mL
10 mM	0.209 mL	1.045 mL	2.090 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

Gangjee A, Kalman TI, Bardos TJ. Diazoketone and chloromethylketone analogs of methotrexate as potential antitumor agents. J Pharm Sci. 1982 Jun;71(6):717-9. PubMed PMID: 7097545.

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