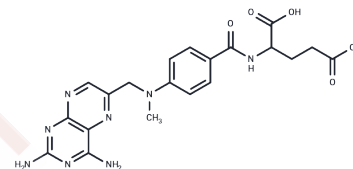


## Amethopterin

## Chemical Properties

CAS No. :	60388-53-6
Formula:	C <sub>20</sub> H <sub>22</sub> N <sub>8</sub> O <sub>5</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	Amethopterin is a chemotherapy drug and immune system inhibitor used to treat cancers of the blood, bone, lung, breast, head, and neck. In addition, it can treat rheumatoid arthritis and psoriasis.
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

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