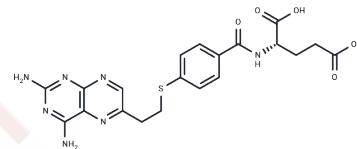


## 11-Thiohomoaminopterin

## Chemical Properties

CAS No. :	74163-10-3
Formula:	C <sub>20</sub> H <sub>21</sub> N <sub>7</sub> O <sub>5</sub> S
Molecular Weight:	471.49
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-Thiohomoaminopterin is a 11-thiohomofolic acid analog.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1209 mL	10.6047 mL	21.2094 mL
5 mM	0.4242 mL	2.1209 mL	4.2419 mL
10 mM	0.2121 mL	1.0605 mL	2.1209 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

Nair MG, Chen SY, Kisliuk RL, Gaumont Y, Strumpf D. Folate analogues altered in the C9-N10 bridge region. 16. Synthesis and antifolate activity of 11-thiohomoaminopterin. J Med Chem. 1980 Aug;23(8):899-903. PubMed PMID: 6772788.

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