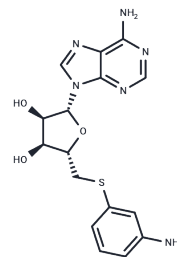


## m-APTA

## Chemical Properties

CAS No. :	86072-47-1
Formula:	C <sub>16</sub> H <sub>18</sub> N <sub>6</sub> O <sub>3</sub> S
Molecular Weight:	374.418
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	m-APTA (5'-S-(3-aminophenyl)-5'-thioadenosine) is a selective chemoprotective agent targeting methylthioadenosine phosphorylase (MTAP). It can be converted into adenine, which is a crucial step in shielding normal cells from the toxicity of nucleobase analogs (NBA). m-APTA holds potential for research in MTAP-deficient cancers.
Targets(IC50)	Phosphorylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6708 mL	13.354 mL	26.708 mL
5 mM	0.5342 mL	2.6708 mL	5.3416 mL
10 mM	0.2671 mL	1.3354 mL	2.6708 mL
50 mM	0.0534 mL	0.2671 mL	0.5342 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.

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