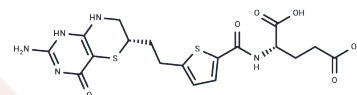


AG2034

## Chemical Properties

CAS No. : 177575-17-6  
 Formula: C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O<sub>6</sub>S<sub>2</sub>  
 Molecular Weight: 467.52  
 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	AG2034 is an inhibitor of the glycinamide ribonucleotide formyltransferase (GARFT).
Targets(IC50)	Others,Antifolate

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1389 mL	10.6947 mL	21.3895 mL
5 mM	0.4278 mL	2.1389 mL	4.2779 mL
10 mM	0.2139 mL	1.0695 mL	2.1389 mL
50 mM	0.0428 mL	0.2139 mL	0.4278 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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- Lee JJ, Lin HY, Liu DD, Kong M. Emax model and interaction index for assessing drug interaction in combination studies. *Front Biosci (Elite Ed)*. 2010 Jan 1;2:582-601. PubMed PMID: 20036904; PubMed Central PMCID: PMC2974574.
- Kong M, Lee JJ. Applying Emax model and bivariate thin plate splines to assess drug interactions. *Front Biosci (Elite Ed)*. 2010 Jan 1;2:279-92. PubMed PMID: 20036878; PubMed Central PMCID: PMC4203317.
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