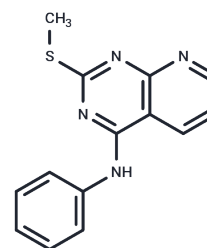


MD 39-AM

## Chemical Properties

CAS No. : 72564-74-0  
 Formula: C<sub>14</sub>H<sub>12</sub>N<sub>4</sub>S  
 Molecular Weight: 268.34  
 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	Anticytokinin activity was evaluated by 50% of the callus growth on the medium with kinetin but without anti-cytokinin
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (186.33 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7266 mL	18.6331 mL	37.2662 mL
5 mM	0.7453 mL	3.7266 mL	7.4532 mL
10 mM	0.3727 mL	1.8633 mL	3.7266 mL
50 mM	0.0745 mL	0.3727 mL	0.7453 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

Pérez MJ, et al. Preliminary pharmacokinetics of a new pyridopyrimidine derivative. *Arzneimittelforschung*. 1991 Jun;41(6):640-4.

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