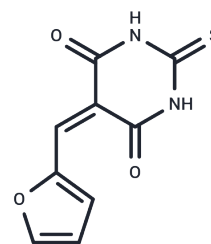


CD00509

Chemical Properties

CAS No. : 27430-18-8
 Formula: C₉H₆N₂O₃S
 Molecular Weight: 222.22
 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	CD00509 is a tyrosyl-DNA phosphodiesterase inhibitor.
Targets(IC50)	Others,PDE

Solubility Information

Solubility	DMSO: 5 mg/mL (22.5 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	4.500 mL	22.5002 mL	45.0005 mL
5 mM	0.900 mL	4.500 mL	9.0001 mL
10 mM	0.450 mL	2.250 mL	4.500 mL
50 mM	0.090 mL	0.450 mL	0.900 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

Laev SS, Salakhutdinov NF, Lavrik OI. Tyrosyl-DNA phosphodiesterase inhibitors: Progress and potential. Bioorg Med Chem. 2016 Nov 1;24(21):5017-5027.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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