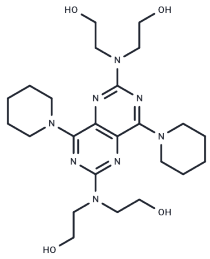
Data Sheet (Cat.No.T1618)

TargetMol

Dipyridamole

Chemical Properties



CAS No. : 58-32-2

Formula: C24H40N8O4

Molecular Weight: 504.63

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Dipyridamole (Persantin) is a Platelet Aggregation Inhibitor. The physiologic effect of dipyridamole is by means of Decreased Platelet Aggregation.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 93 mg/mL (184.29 mM),Sonication is recommended. Ethanol: 47 mg/mL (93.14 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9816 mL	9.9082 mL	19.8165 mL
5 mM	0.3963 mL	1.9816 mL	3.9633 mL
10 mM	0.1982 mL	0.9908 mL	1.9816 mL
50 mM	0.0396 mL	0.1982 mL	0.3963 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.

Reference

Fujishige K, et al. J Biol Chem. 1999 Jun 25;274(26):18438-45.
Gao J, Zhou C, Zhong Y, et al.Dipyridamole interacts with the N-terminal domain of HSP90 and antagonizes the function of the chaperone in multiple cancer cell lines.Biochemical Pharmacology.2022: 115376.

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