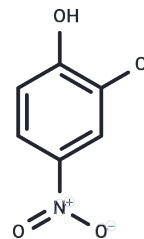


2-Chloro-4-nitrophenol

Chemical Properties

CAS No. :	619-08-9
Formula:	C ₆ H ₄ ClNO ₃
Molecular Weight:	173.55
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	2-Chloro-4-nitrophenol is a phenolic compound. It is an inhibitor of cyclooxygenase (COX), which reduces the production of prostaglandins, thereby reducing inflammation and pain.
Targets(IC50)	Others,Antifungal

Solubility Information

Solubility	DMSO: 55 mg/mL (316.91 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	5.762 mL	28.8101 mL	57.6203 mL
5 mM	1.1524 mL	5.762 mL	11.5241 mL
10 mM	0.5762 mL	2.881 mL	5.762 mL
50 mM	0.1152 mL	0.5762 mL	1.1524 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481