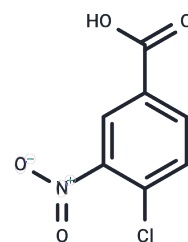


4-Chloro-3-nitrobenzoic acid

Chemical Properties

CAS No. :	96-99-1
Formula:	C7H4ClNO4
Molecular Weight:	201.56
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	4-Chloro-3-nitrobenzoic acid is a nitric oxide scavenger and has been used to study the effects of nitric oxide on the cardiovascular system and the effects of nitric oxide on the immune system.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 32.5 mg/mL (161.24 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (16.37 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9613 mL	24.8065 mL	49.613 mL
5 mM	0.9923 mL	4.9613 mL	9.9226 mL
10 mM	0.4961 mL	2.4807 mL	4.9613 mL
50 mM	0.0992 mL	0.4961 mL	0.9923 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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