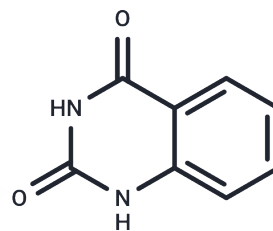


Benzoyleneurea

Chemical Properties

CAS No. :	86-96-4
Formula:	C ₈ H ₆ N ₂ O ₂
Molecular Weight:	162.15
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	Benzoyleneurea has anti-bacterial activity.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 60 mg/mL (370.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (20.35 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	6.1671 mL	30.8356 mL	61.6713 mL
5 mM	1.2334 mL	6.1671 mL	12.3343 mL
10 mM	0.6167 mL	3.0836 mL	6.1671 mL
50 mM	0.1233 mL	0.6167 mL	1.2334 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

Carrico D , Blaskovich M A , Bucher C J , et al. Design, synthesis, and evaluation of potent and selective benzoyleneurea-based inhibitors of protein geranylgeranyltransferase-I[J]. Bioorganic & Medicinal Chemistry, 2005, 13(3):677-688.

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