

3'-Nitroacetophenone

Chemical Properties

CAS No. :	121-89-1
Formula:	C ₈ H ₇ NO ₃
Molecular Weight:	165.15
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	3'-Nitroacetophenone is a natural product isolated from Styra plants and acts as an L-xylulose reductase inhibitor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0551 mL	30.2755 mL	60.551 mL
5 mM	1.211 mL	6.0551 mL	12.1102 mL
10 mM	0.6055 mL	3.0276 mL	6.0551 mL
50 mM	0.1211 mL	0.6055 mL	1.211 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

Usui S, et al. Purification and characterization of two forms of microsomal carbonyl reductase in guinea pig liver. *Biochem J.* 1984 Nov 1;223(3):697-705.

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