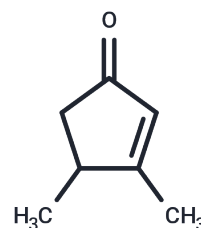


3,4-Dimethylcyclopent-2-en-1-one

Chemical Properties

CAS No. :	30434-64-1
Formula:	C ₇ H ₁₀ O
Molecular Weight:	110.15
Storage:	Keep away from moisture 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	3,4-Dimethylcyclopent-2-en-1-one is an organic compound characterized by a five-membered carbocyclic ring (cyclopentenone) core structure featuring a ketone functional group at the 1-position and methyl substituents at both the 3 and 4 positions; this conjugated enone system allows it to participate efficiently as a dienophile in Diels-Alder cycloaddition reactions, making it a valuable building block in synthetic organic chemistry for the construction of complex polycyclic structures.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.0785 mL	45.3926 mL	90.7853 mL
5 mM	1.8157 mL	9.0785 mL	18.1571 mL
10 mM	0.9079 mL	4.5393 mL	9.0785 mL
50 mM	0.1816 mL	0.9079 mL	1.8157 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

Zhang Y, et al. Identification of impurities affecting commercial ethylene glycol UV transmittance. J Chromatogr A. 2000 Dec 22;904(1):87-97.

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