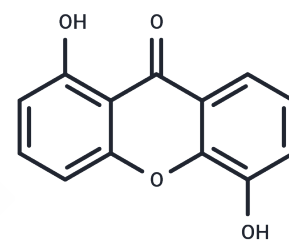


1,5-Dihydroxyxanthone

Chemical Properties

CAS No. :	14686-65-8
Formula:	C ₁₃ H ₈ O ₄
Molecular Weight:	228.203
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	1,5-Dihydroxyxanthone exhibits the epidermal growth factor receptor (EGFR) -tyrosine kinase inhibitory activity, with the IC ₅₀ value of 90.34 nM. It may have anticholinesterase activity on acetylcholinesterase (AChE) and butyrylcholinesterase (BChE) enzymes.
Targets(IC ₅₀)	EGFR,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3821 mL	21.9106 mL	43.8212 mL
5 mM	0.8764 mL	4.3821 mL	8.7642 mL
10 mM	0.4382 mL	2.1911 mL	4.3821 mL
50 mM	0.0876 mL	0.4382 mL	0.8764 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