

2-(7-Hydroxy-2-oxo-2H-chromen-4-yl)acetic acid

Chemical Properties

CAS No. :	6950-82-9
Formula:	C ₁₁ H ₈ O ₅
Molecular Weight:	220.18
Storage:	Keep away from direct sunlight 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	2-(7-Hydroxy-2-oxo-2H-chromen-4-yl)acetic acid is a coumarin-derived pH indicator dye featuring a 7-hydroxy-substituted chromophore structure, exhibiting certain fluorescence properties. The carboxylic acid side chain provides a reaction site for further conjugation or derivatization, making it useful for developing enzyme substrates or for research related to signaling molecules.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5417 mL	22.7087 mL	45.4174 mL
5 mM	0.9083 mL	4.5417 mL	9.0835 mL
10 mM	0.4542 mL	2.2709 mL	4.5417 mL
50 mM	0.0908 mL	0.4542 mL	0.9083 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

Umek T, et al. Oligonucleotide Binding to Non-B-DNA in MYC. *Molecules*. 2019 Mar 12;24(5):1000.

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