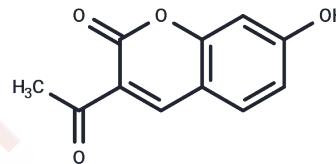


3-Acetyl-7-Hydroxycoumarin

Chemical Properties

CAS No. :	10441-27-7
Formula:	C ₁₁ H ₈ O ₄
Molecular Weight:	204.179
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	3-Acetyl-7-Hydroxycoumarin (Compound 2) is a highly selective inhibitor of 17- β -hydroxysteroid dehydrogenase type 1 (17 β -HSD1). At a concentration of 6 μ M, it achieves 57% inhibition of 17 β -HSD1. 3-Acetyl-7-Hydroxycoumarin shows potential for research into hormone-dependent conditions such as breast cancer and endometriosis.
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8976 mL	24.4882 mL	48.9764 mL
5 mM	0.9795 mL	4.8976 mL	9.7953 mL
10 mM	0.4898 mL	2.4488 mL	4.8976 mL
50 mM	0.098 mL	0.4898 mL	0.9795 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

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