

6-Hydroxywogonin

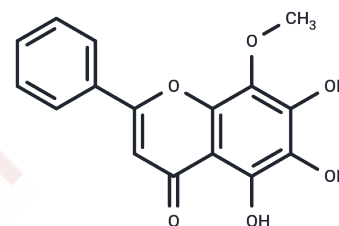
Chemical Properties

CAS No. : 76844-70-7

Formula: C₁₆H₁₂O₆

Molecular Weight: 300.26

Storage: Keep away from moisture, Keep away from direct sunlight,
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	6-Hydroxywogonin is a natural product that can be used in phytochemical research, the screening of natural products, and the study of compounds of plant origin.
Targets(IC50)	Others
In vitro	Method: The inhibitory effect of 6-hydroxywogonin against Escherichia coli β -glucuronidase was evaluated as part of a screening of 36 natural flavonoids using DDAO-glu hydrolysis as the probe reaction. Result: 6-Hydroxywogonin was included in the β -glucuronidase inhibition screening; however, no compound-specific inhibition rate or IC ₅₀ value was reported in the abstract.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3304 mL	16.6522 mL	33.3045 mL
5 mM	0.6661 mL	3.3304 mL	6.6609 mL
10 mM	0.333 mL	1.6652 mL	3.3304 mL
50 mM	0.0666 mL	0.333 mL	0.6661 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

Sun CP, et al. The study of inhibitory effect of natural flavonoids toward β -glucuronidase and interaction of flavonoids with β -glucuronidase. Int J Biol Macromol. 2020;143:349-358.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481