

## 3-Hydroxylicochalcone A

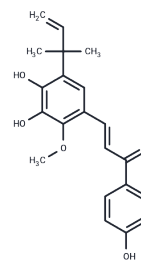
## Chemical Properties

CAS No. : 1381930-98-8

Formula: C<sub>21</sub>H<sub>22</sub>O<sub>5</sub>

Molecular Weight: 354.4

Storage: Store at low temperature, 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	3-Hydroxylicochalcone A is a naturally occurring chalcone derivative. chalcone derivatives usually inhibit murine 11 $\beta$ -hydroxysteroid dehydrogenase 2 (11 $\beta$ -HSD2), e. g., Licochalcone A is the most potent of them all (IC <sub>50</sub> =15.6 $\mu$ M).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8217 mL	14.1084 mL	28.2167 mL
5 mM	0.5643 mL	2.8217 mL	5.6433 mL
10 mM	0.2822 mL	1.4108 mL	2.8217 mL
50 mM	0.0564 mL	0.2822 mL	0.5643 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

Bi W, et al. Metabonomics analysis of flavonoids in seeds and sprouts of two Chinese soybean cultivars[J]. Scientific Reports, 2022, 12(1): 5541.

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