

## Dihydrocatalpol

## Chemical Properties

CAS No. : 6736-86-3

Formula: C<sub>15</sub>H<sub>24</sub>O<sub>10</sub>

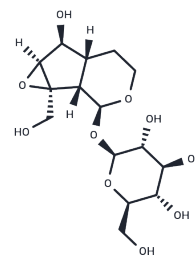
Molecular Weight: 364.35

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Dihydrocatalpol ((2S,3R,4S,5S,6R)-2-[[[(1aS,1bS,2S,5aR,6S,6aS)-6-hydroxy-1a-(hydroxymethyl)-2,4,5,5a,6,6a-hexahydro-1bH-oxireno[5,6]cyclopenta[1,3-c]pyran-2-yl]oxy]-6-(hydroxymethyl)oxane-3,4,5-triol), a natural product obtained from the herbs of <i>Rehmannia glutinosa</i> .
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 60 mg/mL (164.68 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7446 mL	13.7231 mL	27.4461 mL
5 mM	0.5489 mL	2.7446 mL	5.4892 mL
10 mM	0.2745 mL	1.3723 mL	2.7446 mL
50 mM	0.0549 mL	0.2745 mL	0.5489 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

S.-X, Huang, Y, et al. Two new iridoid glucosides from *Picrorhiza scrophulariiflora*[J]. *Journal of Asian Natural Products Research*, 2006.

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