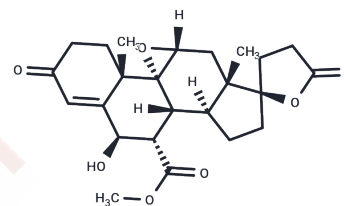


6 $\beta$ -hydroxy Eplerenone

## Chemical Properties

CAS No. :	209253-80-5
Formula:	C <sub>24</sub> H <sub>30</sub> O <sub>7</sub>
Molecular Weight:	430.497
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	6 $\beta$ -hydroxy Eplerenone is a major metabolite of the mineralocorticoid receptor antagonist eplerenone .1 It is formed from eplerenone by the cytochrome P450 (CYP) isoform CYP3A4.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3229 mL	11.6144 mL	23.2288 mL
5 mM	0.4646 mL	2.3229 mL	4.6458 mL
10 mM	0.2323 mL	1.1614 mL	2.3229 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

Cook, C.S., Berry, L.M., Kim, D.H., et al. Involvement of CYP3A in the metabolism of eplerenone in humans and dogs: Differential metabolism by CYP3A4 and CYP3A5. Drug Metab. Dispos. 30(12), 1344-1351 (2002).

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