

Aldosterone 21-sulfate sodium salt

Chemical Properties

CAS No. :

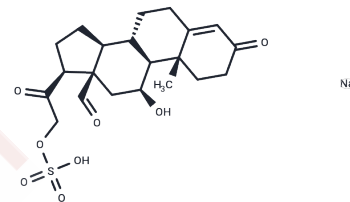
Formula: C₂₁H₂₈NaO₈S

Molecular Weight: 463.5

Store at low temperature

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	Aldosterone 21-sulfate sodium salt is a cholesterol metabolite discovered in urine.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	PBS (pH 7.2): < 0.1 mg/mL (insoluble) DMF: 8 mg/mL (17.26 mM), Sonication is recommended. DMSO: 8 mg/mL (17.26 mM), Sonication is recommended. Ethanol: < 0.1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1575 mL	10.7875 mL	21.575 mL
5 mM	0.4315 mL	2.1575 mL	4.315 mL
10 mM	0.2157 mL	1.0787 mL	2.1575 mL
50 mM	0.0431 mL	0.2157 mL	0.4315 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

Gomez-Sanchez CE, et al. An Abbreviated History of Aldosterone Metabolism, Current and Future Challenges. *Exp Clin Endocrinol Diabetes*. 2023 Aug;131(7-08):386-393.

Jowett TP, et al. Aldosterone 21-sulphate in man. *J Steroid Biochem*. 1983 Apr;18(4):471-9.

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