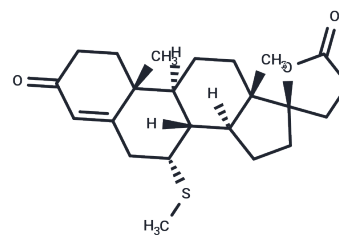


7 α -Thiomethylspironolactone

Chemical Properties

CAS No. :	38753-77-4
Formula:	C ₂₃ H ₃₂ O ₃ S
Molecular Weight:	388.56
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	7 α -Thiomethylspironolactone is a major metabolite of the synthetic steroid spironolactone. ^{1,2}
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Solubility Information

Solubility	Chloroform: Slightly soluble Ethyl Acetate: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5736 mL	12.868 mL	25.7361 mL
5 mM	0.5147 mL	2.5736 mL	5.1472 mL
10 mM	0.2574 mL	1.2868 mL	2.5736 mL
50 mM	0.0515 mL	0.2574 mL	0.5147 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.

Reference

Jankowski, A., Skorek-Jankowska, A., and Lamparczyk, H. Simultaneous determination of spironolactone and its metabolites in human plasma. *J. Pharm. Biomed. Anal.* 14(8-10)1359-1365(1996)

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