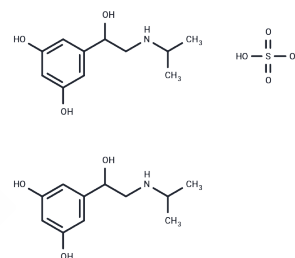


Metaproterenol hemisulfate

Chemical Properties

CAS No. : 5874-97-5
 Formula: C₁₁H₁₇NO₃·0.5H₂O₄S
 Molecular Weight: 260.3
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Metaproterenol hemisulfate (Orciprenaline sulfate) is a beta-2 adrenergic agonist used in the treatment of ASTHMA and BRONCHIAL SPASM.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 10 mg/mL (38.42 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	3.8417 mL	19.2086 mL	38.4172 mL
5 mM	0.7683 mL	3.8417 mL	7.6834 mL
10 mM	0.3842 mL	1.9209 mL	3.8417 mL
50 mM	0.0768 mL	0.3842 mL	0.7683 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

Kimura M, et al. J Pharmacol Exp Ther. 1999 Oct;291(1):171-80.

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