

(S)-(+)-Dimethindene maleate

Chemical Properties

CAS No.:	136152-65-3
Formula:	C ₂₀ H ₂₄ N ₂ ·C ₄ H ₄ O ₄
Molecular Weight:	408.5
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	M2 muscarinic receptor antagonist
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Solubility Information

Solubility	H ₂ O: ≥20.45mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.448 mL	12.24 mL	24.48 mL
5 mM	0.49 mL	2.448 mL	4.896 mL
10 mM	0.245 mL	1.224 mL	2.448 mL
50 mM	0.049 mL	0.245 mL	0.49 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Huber KVM, Salah E, Radic B, et al. Stereospecific targeting of MTH1 by (S)-crizotinib as an anticancer strategy. NATURE,2014;508:222-227

Inhibitors · Natural Compounds · Compound Libraries

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