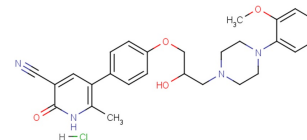


Saterinone hydrochloride

Chemical Properties

CAS No.:	102685-83-6
Formula:	C ₂₇ H ₃₁ ClN ₄ O ₄
Molecular Weight:	511.01
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Saterinone hydrochloride is an inhibitor of phosphodiesterase III (PDE III).
Targets(IC ₅₀)	phosphodiesterase III (PDE III): None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.957 mL	9.785 mL	19.569 mL
5 mM	0.391 mL	1.957 mL	3.914 mL
10 mM	0.196 mL	0.978 mL	1.957 mL
50 mM	0.039 mL	0.196 mL	0.391 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. Kieback AG, et al. Pharmacokinetics and hemodynamic effects of the phosphodiesterase III inhibitor saterinone in patients with chronic heart failure. Int J Cardiol. 2003 Oct;91(2-3):201-8.

Inhibitors · Natural Compounds · Compound Libraries

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