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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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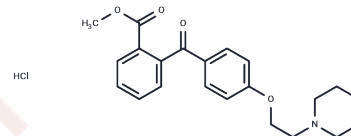
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Pitofenone hydrochloride

Chemical Properties

CAS No. :	1248-42-6
Formula:	C ₂₂ H ₂₆ ClNO ₄
Molecular Weight:	403.9
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pitofenone hydrochloride (Pitophenone hydrochloride), a spasmolytic compound, inhibits the acetylcholinesterase (AChE) activity from bovine erythrocytes and from electric eel with Kis of 36 and 45 μ M, respectively.
Targets(IC50)	AChE

Solubility Information

Solubility	DMSO: 45 mg/mL (111.41 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4759 mL	12.3793 mL	24.7586 mL
5 mM	0.4952 mL	2.4759 mL	4.9517 mL
10 mM	0.2476 mL	1.2379 mL	2.4759 mL
50 mM	0.0495 mL	0.2476 mL	0.4952 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

Punekar NS,etal.Acetylcholinesterase inhibition by pitofenone: a spasmolytic compound.Biotechnol Appl Biochem. 1991 Dec;14(3):378-82.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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