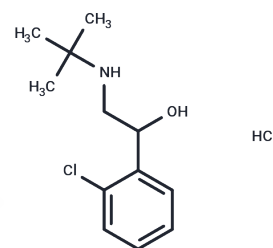


Tulobuterol hydrochloride

Chemical Properties

CAS No. :	56776-01-3
Formula:	C ₁₂ H ₁₉ Cl ₂ NO
Molecular Weight:	264.19
Appearance:	no data available
Storage:	store at low temperature, keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tulobuterol hydrochloride (Hokunalin) is a long-acting beta2-adrenergic receptor agonist.
Targets(IC50)	Adrenergic Receptor, Antibiotic, Influenza Virus

Solubility Information

Solubility	DMSO: 60 mg/mL (227.11 mM), Sonication is recommended. H2O: 200.6 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	3.7852 mL	18.9258 mL	37.8515 mL
5 mM	0.757 mL	3.7852 mL	7.5703 mL
10 mM	0.3785 mL	1.8926 mL	3.7852 mL
50 mM	0.0757 mL	0.3785 mL	0.757 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

Horiguchi, T et al. Arzneimittelforschung. 54 (5): 280-285.

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