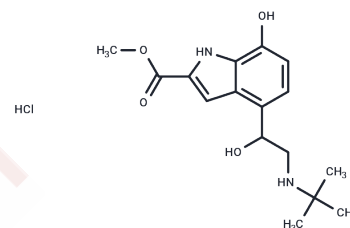


ZK-90055 hydrochloride

Chemical Properties

CAS No. :	84638-81-3
Formula:	C ₁₆ H ₂₃ ClN ₂ O ₄
Molecular Weight:	342.82
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	ZK-90055 hydrochloride, a β_2 adrenergic receptor agonist, is employed in the study of asthma.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (160.43 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	2.917 mL	14.5849 mL	29.1698 mL
5 mM	0.5834 mL	2.917 mL	5.834 mL
10 mM	0.2917 mL	1.4585 mL	2.917 mL
50 mM	0.0583 mL	0.2917 mL	0.5834 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Waldeck B, et al. beta-Adrenoceptor agonists after terbutaline. Pharmacol Toxicol. 1995;77 Suppl 3:25-9.
Waldeck B, et al. Beta-adrenoceptor agonists and asthma--100 years of development. Eur J Pharmacol. 2002 Jun 7; 445(1-2):1-12.

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