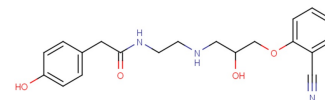


Epanolol

Chemical Properties

CAS No.:	86880-51-5
Formula:	C ₂₀ H ₂₃ N ₃ O ₄
Molecular Weight:	369.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Epanolol is a potent β -adrenoceptor partial agonist with a greater affinity for β 1- than β 2-adrenoceptors.
Targets(IC ₅₀)	β 1 adrenoceptor: None
In vitro	Epanolol is a novel anti-anginal agent exhibiting selective β 1-adrenoceptor antagonist and selective β 1-adrenoceptor agonist activity.

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	2.707 mL	13.535 mL	27.07 mL
5 mM	0.541 mL	2.707 mL	5.414 mL
10 mM	0.271 mL	1.354 mL	2.707 mL
50 mM	0.054 mL	0.271 mL	0.541 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. Hosie J, et al. Pharmacokinetics of epanolol after acute and chronic oral dosing in elderly patients with stable angina pectoris. Br J Clin Pharmacol. 1990 Mar;29(3):333-7.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481