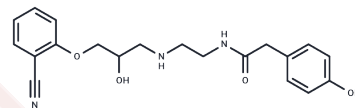


## Epanolol

## Chemical Properties

CAS No. : 86880-51-5  
 Formula: C<sub>20</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>  
 Molecular Weight: 369.41  
 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	Epanolol is a potent $\beta$ -adrenoceptor partial agonist with a greater affinity for $\beta_1$ - than $\beta_2$ -adrenoceptors.
Targets(IC50)	Others,Adrenergic Receptor
In vitro	Epanolol, a novel anti-anginal agent, functions as a $\beta_1$ -adrenoceptor partial agonist, demonstrating both selective $\beta_1$ -adrenoceptor antagonist and agonist activity.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.707 mL	13.5351 mL	27.0702 mL
5 mM	0.5414 mL	2.707 mL	5.414 mL
10 mM	0.2707 mL	1.3535 mL	2.707 mL
50 mM	0.0541 mL	0.2707 mL	0.5414 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

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.

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