# Data Sheet (Cat.No.T1244)



# Celiprolol hydrochloride

#### **Chemical Properties**

CAS No.: 57470-78-7

Formula: C20H33N3O4·HCl

Molecular Weight: 415.96

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

### **Biological Description**

	Celiprolol hydrochloride (Selectrol) is a cardioselective beta-1 adrenergic antagonist that has intrinsic sympathomimetic activity. It is used in the management of ANGINA PECTORIS and HYPERTENSION.
Targets(IC50)	Adrenergic Receptor

#### **Solubility Information**

Solubility	DMSO: 10 mM,Sonication is recommended.		
	(< 1 mg/ml refers to the product slightly soluble or insoluble)		

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.4041 mL	12.0204 mL	24.0408 mL
5 mM	0.4808 mL	2.4041 mL	4.8082 mL
10 mM	0.2404 mL	1.202 mL	2.4041 mL
50 mM	0.0481 mL	0.2404 mL	0.4808 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

Abdelkrim MA, et al. Can J Physiol Pharmacol. 2013 Oct;91(10):791-6.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

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