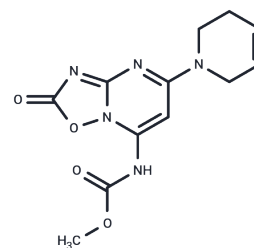


Carprazidil

Chemical Properties

CAS No. :	68020-77-9
Formula:	C ₁₂ H ₁₃ N ₅ O ₄
Molecular Weight:	291.26
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	Carprazidil is a potent vasodilator used to treat severe hypertension and mild heart failure.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 6.25 mg/mL (21.46 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	3.4334 mL	17.1668 mL	34.3336 mL
5 mM	0.6867 mL	3.4334 mL	6.8667 mL
10 mM	0.3433 mL	1.7167 mL	3.4334 mL
50 mM	0.0687 mL	0.3433 mL	0.6867 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

- Bianchetti MG, et al. Comparative evaluation of the new vasodilator carprazidil and minoxidil in the treatment of moderate to severe hypertension. *Eur J Clin Pharmacol.* 1982;23(6):483-9.
- Gerber A, et al. Increased serum high-density lipoprotein cholesterol in hypertensive men treated with the potent vasodilator carprazidil. *Metabolism.* 1984 Apr;33(4):342-6.

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