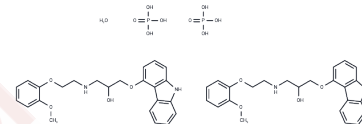


Carvedilol phosphate hemihydrate

Chemical Properties

CAS No. :	610309-89-2
Formula:	C ₂₄ H ₂₆ N ₂ O ₄ ·0.5 H ₂ O·H ₃ O ₄ P
Molecular Weight:	513.49
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Carvedilol phosphate hemihydrate (BM 14190 phosphate hemihydrate) is the phosphate salt form of carvedilol, a racemic mixture and adrenergic blocking agent with antihypertensive activity and no intrinsic sympathomimetic activity.
Targets(IC50)	Gap Junction Protein, Antibacterial, Adrenergic Receptor, Autophagy, Integrin, LDL, NADPH, Potassium Channel, VEGFR

Solubility Information

Solubility	DMSO: 245 mg/mL (477.13 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9475 mL	9.7373 mL	19.4746 mL
5 mM	0.3895 mL	1.9475 mL	3.8949 mL
10 mM	0.1947 mL	0.9737 mL	1.9475 mL
50 mM	0.0389 mL	0.1947 mL	0.3895 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

Nichols AJ, et al. Fundam Clin Pharmacol. 1991;5(1):25-38.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481