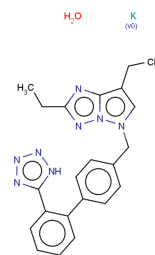


YM-358 potassium hydrate

Chemical Properties

CAS No. :	161800-08-4
Formula:	C ₂₂ H ₂₄ KN ₈ O
Molecular Weight:	455.587
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	YM-358 potassium hydrate is an orally active and long-lasting antagonist of angiotensin type 1 receptor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.195 mL	10.9748 mL	21.9496 mL
5 mM	0.439 mL	2.195 mL	4.3899 mL
10 mM	0.2195 mL	1.0975 mL	2.195 mL
50 mM	0.0439 mL	0.2195 mL	0.439 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

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Tokioka T, Shibasaki M, Fujimori A, Matsuda-Satoh Y, Uchida W, Inagaki O, Yanagisawa I. Effects of YM358, an angiotensin II type 1 (AT1) receptor antagonist, and enalapril on blood pressure and vasoconstriction in two renal hypertension models. *Biol Pharm Bull.* 2000 Feb;23(2):174-81. PubMed PMID: 10706380.

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