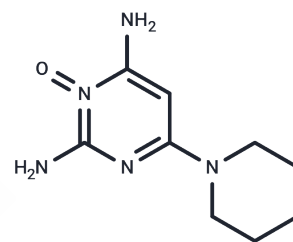


Minoxidil

Chemical Properties

CAS No. :	38304-91-5
Formula:	C ₉ H ₁₅ N ₅ O
Molecular Weight:	209.25
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Minoxidil (U10858) is an orally administered vasodilator with hair growth stimulatory and antihypertensive effects.
Targets(IC50)	Endogenous Metabolite, COX, Potassium Channel

Solubility Information

Solubility	DMSO: 5 mg/mL (23.89 mM), Sonication and heating are recommended. Ethanol: 5.2 mg/mL (24.85 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	4.779 mL	23.8949 mL	47.7897 mL
5 mM	0.9558 mL	4.779 mL	9.5579 mL
10 mM	0.4779 mL	2.3895 mL	4.779 mL
50 mM	0.0956 mL	0.4779 mL	0.9558 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

Evans JM, et al. J Exp Biol. 2005 Oct; 208(Pt 19):3771-83.

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