

Rizatriptan

Chemical Properties

CAS No. : 144034-80-0

Formula: C₁₅H₁₉N₅

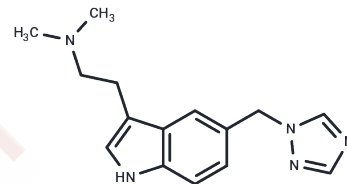
Molecular Weight: 269.35

Storage:

Store at low temperature, Store under nitrogen, Keep away from moisture

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	Rizatriptan (Risatriptan) is a selective 5-hydroxytryptamine 1B/1D receptor agonist used in the study of migraine.
Targets(IC50)	5-HT Receptor

Solubility Information

Solubility	DMSO: 8 mg/mL (29.7 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	3.7126 mL	18.5632 mL	37.1264 mL
5 mM	0.7425 mL	3.7126 mL	7.4253 mL
10 mM	0.3713 mL	1.8563 mL	3.7126 mL
50 mM	0.0743 mL	0.3713 mL	0.7425 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

Tradtrantip L, et al. Aquaporin-Targeted Therapeutics: State-of-the-Field. *Adv Exp Med Biol.* 2017;969:239-250.

Maasumi K, et al. Menstrual Migraine and Treatment Options: Review. *Headache.* 2017 Feb;57(2):194-208.

Allais G, Benedetto C. Spotlight on frovatriptan: a review of its efficacy in the treatment of migraine. *Drug Des Devel Ther.* 2016 Oct 3;10:3225-3236. eCollection 2016. Review. PubMed PMID: 27757013; PubMed Central PMCID: PMC5055118.

Capi M, Curto M, Lionetto L, de Andrés F, Gentile G, Negro A, Martelletti P. Eletriptan in the management of acute migraine: an update on the evidence for efficacy, safety, and consistent response. *Ther Adv Neurol Disord.* 2016 Sep;9(5):414-23. doi: 10.1177/1756285616650619. Epub 2016 Jun 3. Review. PubMed PMID: 27582896; PubMed Central PMCID: PMC4994780.

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