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Zuschläge

- Mindermengenzuschlag
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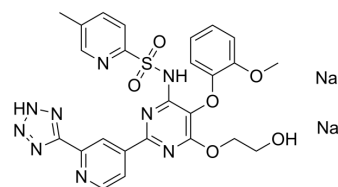
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Clazosentan disodium

Cat. No.:	HY-17352A
CAS No.:	503271-02-1
Molecular Formula:	C ₂₅ H ₂₃ N ₉ Na ₂ O ₆ S
Molecular Weight:	623.55
Target:	Endothelin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Clazosentan disodium (Ro 61-1790) is a selective endothelin A (ET_A) receptor antagonist. Clazosentan disodium inhibits ET-1-mediated vasoconstriction. Clazosentan disodium prevents cerebral vasospasm, vasospasm-related cerebral infarction^[1] [5].

REFERENCES

- [1]. Juif PE, et al. Clinical Pharmacology of Clazosentan, a Selective Endothelin A Receptor Antagonist for the Prevention and Treatment of aSAH-Related Cerebral Vasospasm. *Front Pharmacol.* 2021 Feb 4;11:628956.
- [2]. Povlsen GK, et al. MEK1/2 inhibitor U0126 but not endothelin receptor antagonist clazosentan reduces upregulation of cerebrovascular contractile receptors and delayed cerebral ischemia, and improves outcome after subarachnoid hemorrhage in rats. *J Cereb Blood Flow Metab.* 2015 Feb;35(2):329-37.
- [3]. Vatter H, et al. Cerebrovascular characterization of clazosentan, the first nonpeptide endothelin receptor antagonist clinically effective for the treatment of cerebral vasospasm. Part I: inhibitory effect on endothelin(A) receptor-mediated contraction. *J Neurosurg.* 2005 Jun;102(6):1101-7.
- [4]. Verri WA Jr, Guerrero AT, Fukada SY, Valerio DA, Cunha TM, Xu D, Ferreira SH, Liew FY, Cunha FQ. IL-33 mediates antigen-induced cutaneous and articular hypernociception in mice. *Proc Natl Acad Sci U S A.* 2008 Feb 19;105(7):2723-8.
- [5]. Juif PE, et al. Influence of Rifampin-Mediated Organic Anion-Transporting Polypeptide 1B1/1B3 Inhibition on the Pharmacokinetics of Clazosentan. *Clin Transl Sci.* 2019 Sep;12(5):440-444.

Caution: Product has not been fully validated for medical applications. For research use only.

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