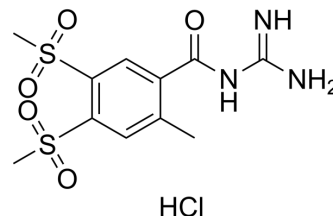


Rimeporide hydrochloride

Cat. No.:	HY-19273A
CAS No.:	187870-95-7
Molecular Formula:	C ₁₁ H ₁₆ ClN ₃ O ₅ S ₂
Molecular Weight:	369.84
Target:	Na ⁺ /H ⁺ Exchanger (NHE)
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rimeporide hydrochloride (EMD-87580 hydrochloride) is a potent and selective inhibitor of the Na ⁺ /H ⁺ exchanger (NHE-1).
IC ₅₀ & Target	NHE1 ^[1]
In Vitro	Blocking NHE-1 activity has been shown to decrease intracellular Na ⁺ and Ca ²⁺ overload and pH and Rimeporide (EMD-87580) represents a new therapeutic option for duchenne muscular dystrophy (DMD). Rimeporide (EMD-87580) is expected to act as a muscle-sparing agent and its mode of action means that it is mutation independent ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Preprints. 2023 Aug 14.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. F.Porte-Thomé, et al. Development of Rimeporide, a sodium-hydrogen exchanger (NHE-1) inhibitor, for patients with Duchenne muscular dystrophy. Neuromuscular Disorders. October 2015 Oct 25:259-260.

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

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