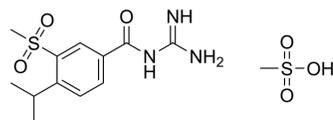


Cariporide (mesilate)

Cat. No.:	HY-13412
CAS No.:	159138-81-5
Molecular Formula:	C ₁₃ H ₂₁ N ₃ O ₆ S ₂
Molecular Weight:	379.45
Target:	Potassium Channel; Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cariporide is a Na⁺/H⁺ Exchanger 1 (NHE-1) inhibitor. Cariporide inhibits the expression of monocyte endothelial cell adhesion and intercellular adhesion molecule-1 (ICAM-1) mediated by high glucose (HG) by inhibiting the activation of NHE-1^[1].

CUSTOMER VALIDATION

- Acta Pharm Sin B. 5 September 2022.
- JCI Insight. 2023 Aug 29;e170928.
- FASEB J. 2019 Jun;33(6):7202-7212.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Wang SX, et al. Cariporide inhibits high glucose-mediated adhesion of monocyte-endothelial cell and expression of intercellular adhesion molecule-1. Life Sci. 2006 Aug 29;79(14):1399-404.

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

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