

EIPA hydrochloride

Catalog No: **tcsc0103821**



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

1345839-28-2

Formula:

$C_{11}H_{19}Cl_2N_7O$

Pathway:

Membrane Transporter/Ion Channel; Neuronal Signaling; Autophagy; Immunology/Inflammation; GPCR/G Protein

Target:

TRP Channel; Sodium Channel; Autophagy; COX; Prostaglandin Receptor

Form:

Light yellow to yellow (Solid)

Purity / Grade:

99.92%

Storage Instruction:

4°C, sealed storage, away from moisture In solvent : -80°C, for 6 months -20°C, for 1 month (sealed storage, away from moisture)

Alternative Names:

2-Pyrazinecarboxamide, 3-amino-N-(aminoiminomethyl)-6-chloro-5-[ethyl(1-methylethyl)amino]-, hydrochloride (1:1)

Calculated Molecular Weight:

336.22

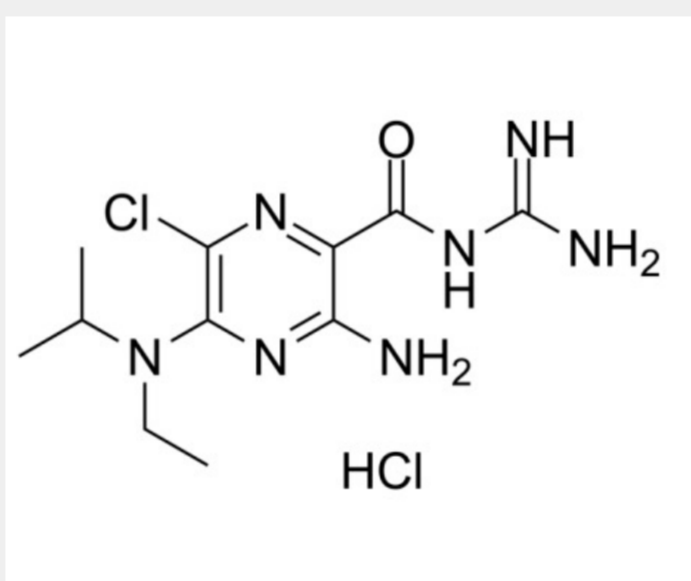
References

[1]. Dai XQ, et al. Inhibition of TRPP3 channel by MK-870 and analogs. *Mol Pharmacol*. 2007 Dec;72(6):1576-85. [2]. Shi H, et al. Na⁺/H⁺ Exchanger Regulates Amino Acid-Mediated Autophagy in Intestinal Epithelial Cells. *Cell Physiol Biochem*. 2017;42(6):2418-2429. [3]. Zhu BY, et al. A new HDAC inhibitor cinnamoylphenazine shows antitumor activity in association with intensive macropinocytosis

Product Description

EIPA (L593754) hydrochloride is an orally active TRPP3 channel inhibitor with an IC₅₀ of 10.5 μM. EIPA hydrochloride also enhances autophagy by inhibiting Na⁺/H⁺-exchanger 3 (NHE3). EIPA hydrochloride inhibits macropinocytosis as well.

EIPAhydrochloride can be used in the research of inflammation and cancers, such as gastric cancer, colon carcinoma, pancreatic carcinoma[1][2][3][5].



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