

Data Sheet

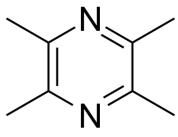
Product Name: Ligustrazine (hydrochloride)

Cat. No.: CS-5298
CAS No.: 76494-51-4
Molecular Formula: $C_8H_{12}N_2.xHCI$

Target:OthersPathway:Others

Solubility: DMSO: 100 mg/mL (Need ultrasonic); H2O: 100 mg/mL (Need

ultrasonic)



x HCl

BIOLOGICAL ACTIVITY:

Ligustrazine (hydrochloride) is a natural product. IC50 value: Target: In vitro: Ligustrazine hydrochloride displayed a protection effect on injured ECV304 cells, NOS and NO formation were significantly increased compared with the model group [1]. In vivo:

References:

[1]. Xu D, et al. Protective effect of ligustrazine hydrochloride on homocysteine-injured ECV304 cells. Zhongguo Zhong Yao Za Zhi. 2012 Jun;37(12):1836-9.

[2]. Wang Q, et al. Brain microdialysate, CSF and plasma pharmacokinetics of ligustrazine hydrochloride in rats after intranasal and intravenous administration. Biopharm Drug Dispos. 2013 Oct;34(7):417-22.

CAIndexNames:

Pyrazine, 2,3,5,6-tetramethyl-, hydrochloride (1:x)

SMILES:

C1(C)=NC(C)=C(C)N=C1C.C

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

Tel: 610-426-3128 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

Page 1 of 1 www.ChemScene.com