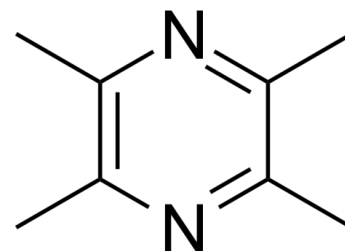


Data Sheet

Product Name:	Ligustrazine (hydrochloride)
Cat. No.:	CS-5298
CAS No.:	76494-51-4
Molecular Formula:	C ₈ H ₁₂ N ₂ .xHCl
Molecular Weight:	N/A
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 300 mg/mL



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.

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