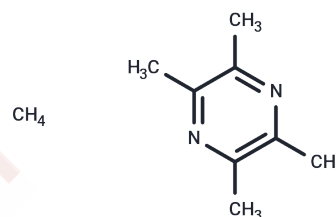


Ligustrazine hydrochloride

Chemical Properties

CAS No. :	76494-51-4
Formula:	C ₈ H ₁₂ N ₂ ·HCl
Molecular Weight:	172.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Ligustrazine hydrochloride (Chuanxiongzine hydrochloride) is a chemical compound found in natto and in fermented cocoa beans with anti-inflammation, antioxidant, antiplatelet, and antiapoptosis activities.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (289.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7917 mL	28.9586 mL	57.9173 mL
5 mM	1.1583 mL	5.7917 mL	11.5835 mL
10 mM	0.5792 mL	2.8959 mL	5.7917 mL
50 mM	0.1158 mL	0.5792 mL	1.1583 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Gao HJ, et al. Neural Regen Res. 2015 May;10(5):832-40.

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