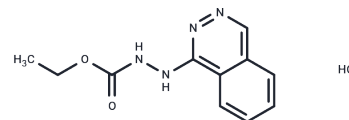


Todralazine hydrochloride

Chemical Properties

CAS No. :	3778-76-5
Formula:	C ₁₁ H ₁₃ ClN ₄ O ₂
Molecular Weight:	268.7
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Todralazine hydrochloride (Ecarazine hydrochloride) is a β 2AR blocker and has antioxidant and free radical scavenging activities. Todralazine hydrochloride can be used in anti-hypertensive research.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	H ₂ O: 14 mg/mL (52.10 mM), Sonication is recommended. DMSO: 120 mg/mL (446.59 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	3.7216 mL	18.6081 mL	37.2162 mL
5 mM	0.7443 mL	3.7216 mL	7.4432 mL
10 mM	0.3722 mL	1.8608 mL	3.7216 mL
50 mM	0.0744 mL	0.3722 mL	0.7443 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

Dimri M, et al. Todralazine protects zebrafish from lethal effects of ionizing radiation: role of hematopoietic cell expansion. Zebrafish. 2015 Feb;12(1):33-47.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481