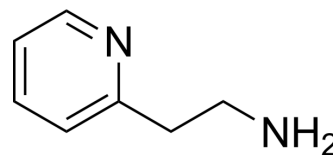


2-Pyridylethylamine hydrochloride

Cat. No.:	HY-107565
CAS No.:	3343-39-3
Molecular Formula:	C ₇ H ₁₂ Cl ₂ N ₂
Molecular Weight:	195.09
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



HCl

HCl

SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (640.73 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.1258 mL	25.6292 mL	51.2584 mL
	5 mM	1.0252 mL	5.1258 mL	10.2517 mL
	10 mM	0.5126 mL	2.5629 mL	5.1258 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

2-Pyridylethylamine is a histamine-1 (H1R) receptor agonist. 2-Pyridylethylamine can reduce the joint injury induced by formalin in rats. 2-Pyridylethylamine can be used to study the spinal cord release of neuropeptide (NPY) [1].

REFERENCES

[1]. Souza-Silva E, et al. Intra-articular injection of 2-pyridylethylamine produces spinal NPY-mediated antinociception in the formalin-induced rat knee-joint pain model. *Brain Res.* 2020 May 15;1735:146757.

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

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