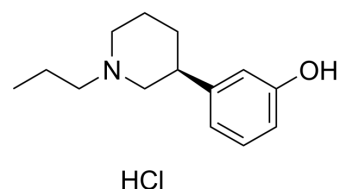


Preclamol hydrochloride

Cat. No.:	HY-108698
CAS No.:	88768-67-6
Molecular Formula:	C ₁₄ H ₂₂ ClNO
Molecular Weight:	255.78
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (195.48 mM); ultrasonic and warming and heat to 60°C

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.9096 mL	19.5480 mL	39.0961 mL
	5 mM	0.7819 mL	3.9096 mL	7.8192 mL
	10 mM	0.3910 mL	1.9548 mL	3.9096 mL

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

BIOLOGICAL ACTIVITY

Description

Preclamol hydrochloride ((-)-3-PPP hydrochloride) is a selective dopamine autoreceptor agonist. Preclamol hydrochloride has the potential for the research of schizophrenia^{[1][2]}.

REFERENCES

- [1]. Seth-Olov Thorberg, et al. Large scale synthesis and absolute configuration of (-)-3-ppp, a selective dopamine autoreceptor agonist. Tetrahedron. 1985, 41(1): 129-139.
- [2]. Tamminga CA, et al. Pharmacologic properties of (-)-3PPP (preclamol) in man. J Neural Transm Gen Sect. 1992;88(3):165-75.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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