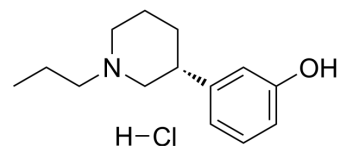


(R)-Preclamol hydrochloride

Cat. No.:	HY-108698A
CAS No.:	89874-80-6
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 : 100 mg/mL (390.96 mM; Need ultrasonic)

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

(R)-Preclamol hydrochloride ((+)-3-PPP hydrochloride) is the R-enantiomer of Preclamol hydrochloride. (R)-Preclamol hydrochloride is a DA agonist with autoreceptor as well as postsynaptic receptor stimulatory properties^{[1][2]}.

REFERENCES

- [1]. Hjorth S, et al. Central dopamine receptor agonist and antagonist actions of the enantiomers of 3-PPP. *Psychopharmacology (Berl)*. 1983;81(2):89-99.
- [2]. Arnt J, et al. Dopamine receptor agonistic and antagonistic effects of 3-PPP enantiomers. *Psychopharmacology (Berl)*. 1983;81(3):199-207.

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

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