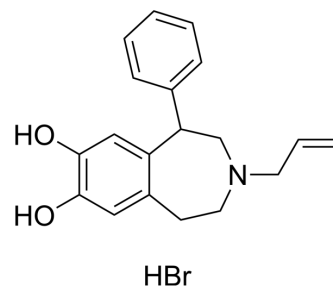


SKF 77434 hydrobromide

Cat. No.:	HY-103417
CAS No.:	300561-58-4
Molecular Formula:	C ₁₉ H ₂₂ BrNO ₂
Molecular Weight:	376.29
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	-20°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 : 38 mg/mL (100.99 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6575 mL	13.2876 mL	26.5752 mL
	5 mM	0.5315 mL	2.6575 mL	5.3150 mL
	10 mM	0.2658 mL	1.3288 mL	2.6575 mL

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

BIOLOGICAL ACTIVITY

Description

SKF 77434 hydrobromide is a selective dopamine D1 receptor partial agonist. SKF 77434 hydrobromide has the potential to study cocaine addiction^[1].

REFERENCES

[1]. Cohen C, et al. Effects of D1 dopamine receptor agonists on oral ethanol self-administration in rats: comparison with their efficacy to produce grooming and hyperactivity. *Psychopharmacology (Berl)*. 1999 Feb;142(1):102-10.

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