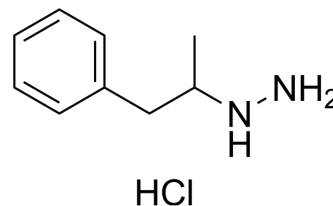


Pheniprazine hydrochloride

Cat. No.:	HY-W224327A
CAS No.:	66-05-7
Molecular Formula:	C ₉ H ₁₅ ClN ₂
Molecular Weight:	186.68
Target:	Monoamine Oxidase
Pathway:	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 (535.68 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.3568 mL	26.7838 mL	53.5676 mL
	5 mM	1.0714 mL	5.3568 mL	10.7135 mL
	10 mM	0.5357 mL	2.6784 mL	5.3568 mL

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

BIOLOGICAL ACTIVITY

Description

Pheniprazine hydrochloride is a potent and long acting inhibitor of monoamine oxidase. Pheniprazine has the potential for the research of depression^[1].

REFERENCES

- [1]. HORITA A. beta-Phenylisopropylhydrazine, a potent and long acting monoamine oxidase inhibitor. J Pharmacol Exp Ther.
- [2]. Stein, Larry, et al. Accelerated recovery from reserpine depression by monoamine oxidase inhibitors.

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

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