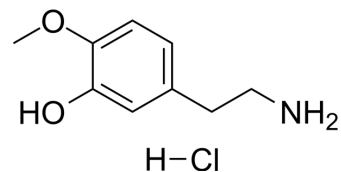


4-O-Methyldopamine hydrochloride

Cat. No.:	HY-W041498		
CAS No.:	645-33-0		
Molecular Formula:	C ₉ H ₁₄ ClNO ₂		
Molecular Weight:	203.67		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (490.99 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	4.9099 mL	24.5495 mL	49.0990 mL
5 mM	0.9820 mL	4.9099 mL	9.8198 mL
10 mM	0.4910 mL	2.4550 mL	4.9099 mL

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

BIOLOGICAL ACTIVITY

Description

4-O-Methyldopamine hydrochloride is a catecholamine compound that has an inhibitory effect on dihydropteridine reductase^[1].

REFERENCES

[1]. R S Shen, et al. Inhibition of dihydropteridine reductase by catecholamines and related compounds. *Biochim Biophys Acta*. 1983 Feb 28;743(1):129-35.

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