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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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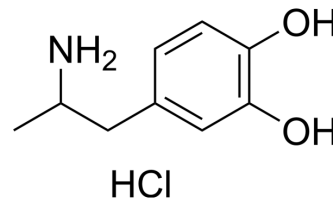
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3,4-Dihydroxyamphetamine hydrochloride

Cat. No.:	HY-W701743
CAS No.:	828-06-8
Molecular Formula:	C ₉ H ₁₄ ClNO ₂
Molecular Weight:	203.67
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3,4-Dihydroxyamphetamine (α-Methyldopamine) (hydrochloride) is a secondary metabolite of 3,4-Methylenedioxymethamphetamine (MDMA). 3, 4-dihydroxyamphetamine (hydrochloride) is cytotoxic to rat hepatocytes. 3, 4-dihydroxyamphetamine (hydrochloride) is also used in the study of high blood pressure ^{[1][2][3]} .
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REFERENCES

- [1]. Schwaninger AE, et al. Urinary excretion kinetics of 3,4-methylenedioxymethamphetamine (MDMA, ecstasy) and its phase I and phase II metabolites in humans following controlled MDMA administration. Clin Chem. 2011 Dec;57(12):1748-56.
- [2]. Carvalho M, et al. Hepatotoxicity of 3,4-methylenedioxymethamphetamine and alpha-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. Arch Toxicol. 2004 Jan;78(1):16-24.
- [3]. Waldmeier P, et al. On the role of alpha-methyldopamine in the antihypertensive effect of alpha-methyldopa. Naunyn Schmiedebergs Arch Pharmacol. 1975;289(3):303-14.

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

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