

Product Datasheet

Tryptamine hydrochloride (orb2946028)

Catalog Number	orb2946028
Category	Small Molecules
Description	Tryptamine hydrochloride is a monoamine alkaloid derived from tryptophan, acting as an agonist at 5-HT ₄ , TAAR1, and AHR receptors. Its CNS activity and potential blood-brain barrier permeability make it a valuable tool for in vitro and in vivo neuropharmacology research, particularly in studying serotonin signaling and trace amine-associated receptors.
Target	5-HT Receptor,Endogenous Metabolite,AhR
Purity	99.89% (May vary between batches)
MW	196.68
Target Areas	Endogenous Metabolite 5-HT Receptor AhR
Solubility (25°C)	DMSO:80 mg/mL (406.75 mM);H ₂ O:50 mg/mL (254.22 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (16.78 mM)
CAS Number	343-94-2
Formula	C ₁₀ H ₁₃ ClN ₂
SMILES	Cl.NCCCC1=CNC=2C=CC=CC21
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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