

Product Information

ST 101, Purity \geq 98%

Cat. No.: X24-09-YM1247

Size: 5 mg; 10 mg; 25 mg; 50 mg

MDL: MFCD09970869

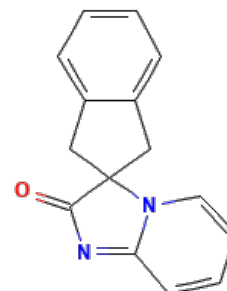
CAS Number: 887603-94-3

Compound CID: 10220323

Synonym: 887603-94-3; ST101; ST-101; ZSET 1446;

Spiro[1,3-dihydroindene-2,3'-imidazo[1,2-a]pyridine]-2'-one

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	ST 101 is a novel cognitive enhancer. The molecular weight of the compound is 236.27, and its molecular formula is C ₁₅ H ₁₂ N ₂ O.
Molecular Weight	236.27
Molecular Formula	C ₁₅ H ₁₂ N ₂ O
IUPAC Name	Spiro[1,3-dihydroindene-2,3'-imidazo[1,2-a]pyridine]-2'-one
InChI	InChI=1S/C15H12N2O/c18-14-15(17-8-4-3-7-13(17)16-14)9-11-5-1-2-6-12(11)10-15/h1-8H,9-10H2
InChI Key	QZWYXEBIQWJXAR-UHFFFAOYSA-N
Canonical SMILES	C1C2=CC=CC=C2CC13C(=O)N=C4N3C=CC=C4
Form	Lyophilized powder
Purity	\geq 98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	ST 101 can be used for its ability to affect the levels of specific neurotransmitters, with investigations focusing on conditions such as anxiety and depression.
Storage	Store at -20°C, and keep desiccated.