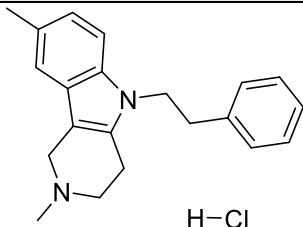


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
561401	AVN-101 HCl	S20S07C21

Chemical name	
2,8-Dimethyl-5-phenethyl-2,3,4,5-tetrahydro-1H-pyrido[4,3-b]indole hydrochloride	
Synonyms	
AVN-101 HCl; AVN 101 HCl; AVN101 HCl	
Chemical structure	CAS# and Theoretical analysis
 <p>H-Cl</p>	MedKoo Cat#: 561401 Name: AVN-101 HCl CAS#: 1061354-48-0 (HCl) Lot#: S20S07C21 Chemical Formula: C ₂₁ H ₂₅ ClN ₂ Molecular Weight: 340.9

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE