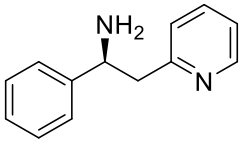
MedKoo Biosciences

Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
525425	Lanicemine (free base)	C9M07C19

Chemical name
(S)-1-phenyl-2-(pyridin-2-yl)ethanamine
Synonyms
Lanicemine(free base); Lanicemine(2HCl) ARL-15896; ARL-15896AR; ARR-15896; ARR-15896AR; FPL-15896; FPL-15896AR ARL15896; ARL15896AR; ARR15896; ARR15896AR; FPL15896; FPL15896AR ARL 15896; ARL 15896AR; ARR 15896; ARR 15896AR; FPL 15896; FPL 15896AR

Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 525425 Name: Lanicemine (free base) CAS#: 153322-05-5 Lot#: C9M07C19 Chemical Formula: C13H14N2 Exact Mass: 198.1157 Molecular Weight: 198.26

Analysis item	Specifications / Results
Appearance	Colorless to light yellow liquid
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)	>95.0%
Solubility	~3 mg/ml in PBS (pH 7.2); ~20 mg/ml in ethanol, 30 mg/ml in DMSO, and 5 mg/ml inDMF;
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 ºC under dry condition Long term storage (months): -20 ºC under dry condition
Shelf life	At least 5 years if properly stored.

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

MedKoo Biosciences, Inc., 2500 Gateway Centre Blvd. Suite 400, Morrisville, NC 27560, USA
Tel: 919-636-5577, Fax: 919-980-4831, http://www.medkoo.com, sales@medkoo.com.