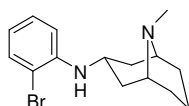




Certificate of Analysis

Axon Catalogue ID: 2401 **Batch Number:** 1
Product Name: AT 1001
Alternative Name(s): N.A.
IUPAC Name: N-(2-Bromophenyl)-9-methyl-9-azabicyclo[3.3.1]nonan-3-amine

Structure:



Amount:

CAS number(s): 1314801-63-2
Molecular Formula: C₁₅H₂₁BrN₂ **Molecular Weight:** 309.24
Batch Molecular Formula: C₁₅H₂₁BrN₂ **Batch Molecular Weight:** 309.24
Appearance: White solid **Observed mp:** 61 °C
TLC (R_f): 0.36 DCM/MeOH (20:1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.26, H 6.84, N 9.05; Found: C 57.87, H 6.89, N 8.91
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	3.4	10.9	
	DMSO	30.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 03-07-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only