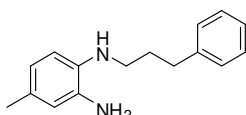




Certificate of Analysis

Axon Catalogue ID: 2349 **Batch Number:** 1
Product Name: JSH 23
Alternative Name(s): N.A.
IUPAC Name: 4-Methyl-N1-(3-phenylpropyl)benzene-1,2-diamine

Structure:



Amount:

CAS number(s): 749886-87-1
Molecular Formula: C₁₆H₂₀N₂ **Molecular Weight:** 240.34
Batch Molecular Formula: C₁₆H₂₀N₂ **Batch Molecular Weight:** 240.34
Appearance: Off-white solid **Observed mp:** 103.0 - 104.2 °C
TLC (R_f): 0.32 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 79.96, H 8.39, N 11.66; Found: C 79.78, H 8.37, N 11.82
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	6.8	28.3	
	DMSO	24.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 12-02-2020

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