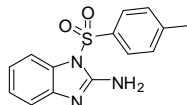




Certificate of Analysis

Axon Catalogue ID: 1888 **Batch Number:** 1
Product Name: ML 130
Alternative Name(s): N.A.
IUPAC Name: 1-Tosyl-1H-benzo[d]imidazol-2-amine

Structure:



Amount:

CAS number: 799264-47-4
Batch Molecular Formula: C₁₄H₁₃N₃O₂S **Batch MW:** 287.34
Appearance: White Solid **Observed m.p.:** 202-204°C
TLC (R_f): 0.5 9:1 DCM/Methanol
Chemical Purity: 99.7% **Wavelength for purity check:** 200 nm
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation

Storage Conditions: Store at <4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	1eq. NaOH			Not Tested
	1eq. HCl			Not Tested
	DMSO	15	52	Soluble
	EtOH			Not Tested

Remarks:

Quality controller: M. Brandsma, MSc. **Date:** 7/16/2012

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only