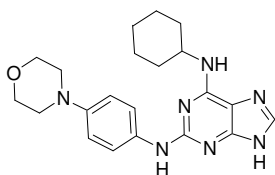




Certificate of Analysis

Axon Catalogue ID: 1629 **Batch Number:** 1
Product Name: Reversine
Alternative Name(s): N.A.
IUPAC Name: N6-cyclohexyl-N2-(4-morpholinophenyl)-9H-purine-2,6-diamine

Structure:



Amount:

CAS number: 656820-32-5
Batch Molecular Formula: C₂₁H₂₇N₇O·0.25H₂O **Batch MW:** 397.98
Appearance: Off-white solid **Observed m.p.:** decomp >180 °C
TLC (R_f): 0.3 DCM/MeOH (NH₃) (19:1)
Chemical Purity: 99.3% **Wavelength for purity check:** 286 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: Desiccate at <4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Insoluble
	1eq. NaOH			Not tested
	1eq. HCl			Not tested
	DMSO	20.00	50.25	Soluble
	EtOH			Not tested

Remarks:

Quality controller: M. Brandsma, MSc. **Date:** 11-05-2011

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