



Certificate of Analysis

Axon Catalogue ID 1520 **Batch Number:** 1
Product Name: NVP-BBD130
IUPAC Name: 2-Methyl-2-[4-(3-methyl-2-oxo-8-pyridin-3ylethynyl-2,3-dihydro-imidazo[4,5-c]quinolin-1-yl)-phenyl]-propionitrile

Structure:  **Amount:**

CAS number: 853910-61-9
Batch Molecular Formula: C₂₈H₂₁N₅O **Batch MW:** 443.51
Appearance: White Solid **Observed m.p.:** 250 (Dec.) °C
TLC (R_f): 0.5 20:1 DCM/Methanol
Chemical Purity: >99% **Wavelength for purity check:** 280 / 328 nM

Optical Purity (ee):

¹H-NMR (300 MHz): Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Not available

Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Insoluble
	1eq. NaOH			Insoluble
	1eq. HCl			Insoluble
	DMSO	5.00	11.27	Requires warming (approximately 60°C)
	EtOH			Not tested

Remarks: Soluble in chloroform or 9:1 dichloromethane-methanol

Quality controller: M. Brandsma, MSc. **Date:** 10-05-2010

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