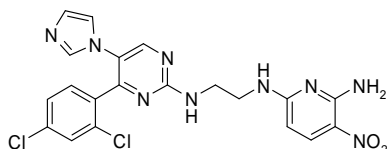




Certificate of analysis

Axon Catalogue ID 1126 **Axon Batch Number:** 1
Product Name: CHIR 98014 - CT 98014
IUPAC Name: N*6*-[2-[4-(2,4-Dichloro-phenyl)-5-imidazol-1-yl-pyrimidin-2-ylamino]-ethyl]-3-nitro-pyridine-2,6-diamine

Structure:



Amount:

CAS number: 252935-94-7
Batch Molecular Formula: C₂₀H₁₇Cl₂N₉O₂ · 1,33H₂O **Batch MW:** 510.27
Appearance: Light yellow solid **Observed melting point:** 269 - 271 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 98.3%
Optical Purity (ee):
1H-NMR: Analytical data confirm chemical structure **Solvent:** DMSO-d₆
Mass Spec: Analytical data confirm chemical structure **Ion:** 488 m/z **Method:** M+1(ESI)
Microanalysis: C, H, and N fit within 0,4% of theoretical calculation
Storage Conditions: For long term storage we advise to keep below +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	
	Water			Insoluble
	1eq. NaOH			Insoluble
	1eq. HCl			Not tested
	DMSO	5	10	Soluble
	EtOH			Poorly soluble

Remarks:

Quality controller: M.Brandsma, MSc. **Date:** 30-1-2012

The purity of Axon products is confirmed by HPLC, NMR and/or Microanalysis. Analytical data are available upon request.
For more information: send e-mail to info@axonmedchem.com indicating Axon Catalogue ID and Batch No.

Caution: Not fully tested. For research purposes only