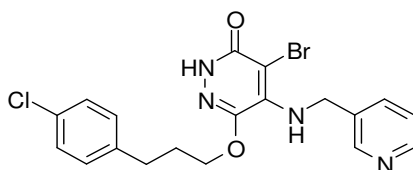


## Certificate of Analysis

**Axon Catalogue ID** 1482 **Batch Number:** 1  
**Product Name:** Parogrelil  
**IUPAC Name:** 4-bromo-6-[3-(4-chlorophenyl)propoxy]-5-[(pyridin-3-ylmethyl)amino]-2,3-dihydropyridazin-3-one

**Structure:**



**Amount:**

**CAS number:** 139145-27-0  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>18</sub>BrClN<sub>4</sub>O<sub>2</sub> **Batch MW:** 449.73  
**Appearance:** White Solid **Observed m.p.:** 157.3-158.5 °C  
**TLC (R<sub>f</sub>):** 0.5 9:1 DCM/Methanol  
**Chemical Purity:** 98.9% **Wavelength for purity check:** 217 nm  
**Optical Purity (ee):**  
**<sup>1</sup>H-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			Not tested
	1eq. HCl			Not tested
	DMSO	46.00	102.28	Soluble
	EtOH			Not tested

**Remarks:**

**Quality controller:** M. Brandsma, MSc. **Date:** 01-12-2010

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](mailto:info@axonmedchem.com) indicating Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**