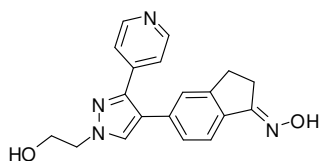




Certificate of Analysis

Axon Catalogue ID: 1459 **Batch Number:** 3
Product Name: GDC 0879
Alternative Name(s): N.A.
IUPAC Name: 5-[1-(2-Hydroxy-ethyl)-3-pyridin-4-yl-1H-pyrazol-4-yl]-indan-1-one oxime

Structure:



Amount:

CAS number(s): 905281-76-7
Molecular Formula: C₁₉H₁₈N₄O₂ **Molecular Weight:** 334.37
Batch Molecular Formula: C₁₉H₁₈N₄O₂ **Batch Molecular Weight:** 334.37
Appearance: White solid **Observed mp:** 227.8 - 228.8 °C
TLC (R_f): 0.7 THF
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 68.25, H 5.43, N 16.76; Found: C 67.93, H 5.35, N 16.78
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	5.2	15.6	Sonication enhances solubility
	EtOH			Not Tested

Remarks: Trans-oxime vs cis-oxime regio-isomer ratio (98.8:1.2)

QC Date: 03-08-2017

The purity of Axon Ligands 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 Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only