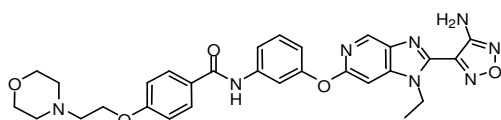




Certificate of Analysis

Axon Catalogue ID: 1167 **Batch Number:** 3
Product Name: GSK 269962A
Alternative Name(s): N.A.
IUPAC Name: N-{3-[2-(4-Amino-furazan-3-yl)-1-ethyl-1H-imidazo[4,5-c]pyridin-6-yloxy]-phenyl}-4-(2-morpholin-4-yl-ethoxy)-benzamide

Structure:



Amount:

CAS number(s): 850664-21-0
Molecular Formula: C₂₉H₃₀N₈O₅ **Molecular Weight:** 570.60
Batch Molecular Formula: C₂₉H₃₀N₈O₅.0.25H₂O **Batch Molecular Weight:** 575.10
Appearance: Off-white solid **Observed mp:** 128.8 - 130.2 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 60.56, H 5.35, N 19.48; Found: C 60.50, H 5.34, N 19.41
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	48.0	83.5	
	EtOH	8.2	14.3	Soluble upon warming to 40 °C

Remarks:

QC Date: 23-07-2018

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