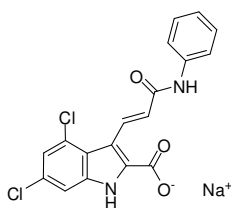




Certificate of Analysis

Axon Catalogue ID: 1262 **Batch Number:** 1
Product Name: Gavestinel
Alternative Name(s): GV 150526A
IUPAC Name: Sodium (E)-4,6-dichloro-3-(3-oxo-3-(phenylamino)prop-1-enyl)-1H-indole-2-carboxylate

Structure:



Amount:

CAS number(s): 153436-22-7 (parent), 153436-38-5 (sodium salt (1:1))
Molecular Formula: C₁₈H₁₁Cl₂N₂O₃.Na **Molecular Weight:** 397.19
Batch Molecular Formula: C₁₈H₁₁Cl₂N₂O₃.Na **Batch Molecular Weight:** 397.19
Appearance: Light-yellow solid **Observed mp:** >300 °C
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 50.47, H 3.41, N 6.54; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	21.0	52.9	
	EtOH			Not Tested

Remarks:

QC Date: 16-5-2022

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