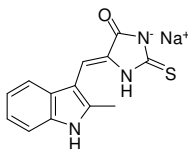




Certificate of Analysis

Axon Catalogue ID: 2905 **Batch Number:** 2
Product Name: PKG drug G1 sodium salt
Alternative Name(s): N.A.
IUPAC Name: Sodium 2-methyl-3-((5-oxo-2-thioxoimidazolidin-4-ylidene)methyl)indol-1-ide

Structure:



Amount:

CAS number(s): 374703-78-3 (parent)
Molecular Formula: C₁₃H₁₀N₃NaOS **Molecular Weight:** 279.29
Batch Molecular Formula: C₁₃H₁₀N₃NaOS.H₂O **Batch Molecular Weight:** 297.31
Appearance: Yellow solid **Observed mp:** 210 - 213 °C (decomp)
TLC (R_f): 0.6 DCM/MeOH (9:1)
Chemical Purity: 98.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.52, H 4.07, N 14.13; Found: C 53.01, H 4.58, N 13.93
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	29.7	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	29.7	>100 mM	
	EtOH	29.7	>100 mM	

Remarks:

QC Date: 13-4-2023

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