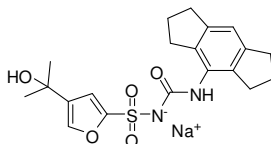




Certificate of Analysis

Axon Catalogue ID: 4052 **Batch Number:** 1
Product Name: MCC950 sodium salt
Alternative Name(s): CP456773; CRID3
IUPAC Name: Sodium (1,2,3,5,6,7-hexahydro-indacen-4-ylcarbamoyl)(4-(2-hydroxypropan-2-yl)furan-2-ylsulfonyl)amide

Structure:



Amount:

CAS number(s): 210826-40-7 (parent), 256373-96-3 (sodium (1:1))
Molecular Formula: C₂₀H₂₃N₂NaO₅S **Molecular Weight:** 426.46
Batch Molecular Formula: C₂₀H₂₃N₂NaO₅S.0.5H₂O **Batch Molecular Weight:** 435.47
Appearance: Off-white solid **Observed mp:** 167.5 - 168.5 °C
TLC (R_f): 0.3 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 55.16, H 5.56, N 6.43; Found: C 55.05, H 5.68, N 6.30
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	43.5	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.5	>100 mM	
	EtOH	43.5	>100 mM	

Remarks:

QC Date: 23-2-2024

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