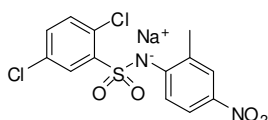




Certificate of Analysis

Axon Catalogue ID: 2706 **Batch Number:** 1
Product Name: FH535 sodium salt
Alternative Name(s): N.A.
IUPAC Name: Sodium (2,5-dichlorophenylsulfonyl)(2-methyl-4-nitrophenyl)amide

Structure:



Amount:

CAS number(s): 108409-83-2 (parent)
Molecular Formula: C₁₃H₉Cl₂N₂NaO₄S **Molecular Weight:** 383.18
Batch Molecular Formula: C₁₃H₉Cl₂N₂NaO₄S.0.75H₂O **Batch Molecular Weight:** 396.69
Appearance: Orange solid **Observed mp:** >300 °C
TLC (R_f): 0.36 Hex/EtOAc (4:1)
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 39.36, H 2.67, N 7.06; Found: C 39.71, H 3.07, N 7.08
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	5.7	14.4	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	39.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 08-05-2017

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