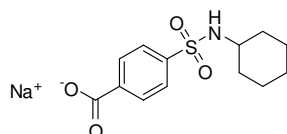




Certificate of Analysis

Axon Catalogue ID: 2695 **Batch Number:** 1
Product Name: NSC 23005 sodium
Alternative Name(s): NSC 23005 sodium salt
IUPAC Name: Sodium 4-(N-cyclohexylsulfamoyl)benzoate

Structure:



Amount:

CAS number(s): 6314-70-1 (parent), 1796596-46-7 (sodium salt (1:1))
Molecular Formula: C₁₃H₁₆NNaO₄S **Molecular Weight:** 305.33
Batch Molecular Formula: C₁₃H₁₆NNaO₄S **Batch Molecular Weight:** 305.33
Appearance: White solid **Observed mp:** >300 °C
TLC (R_f): 0.52 DCM/MeOH/AcOH (9:1:0.1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.14, H 5.28, N 4.59; Found: C 50.98, H 5.30, N 4.67
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	30.5	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	11.3	37.1	
	EtOH			Not Tested

Remarks:

QC Date: 23-05-2017

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