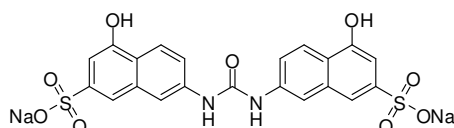




Certificate of Analysis

Axon Catalogue ID: 2863 **Batch Number:** 1
Product Name: AMI-1
Alternative Name(s): AMI-1 sodium salt
IUPAC Name: Sodium 7,7'-carbonylbis(azanediy)bis(4-hydroxynaphthalene-2-sulfonate)

Structure:



Amount:

CAS number(s): 134-47-4 (parent), 20324-87-2 (sodium (1:2))
Molecular Formula: C₂₁H₁₄N₂O₉S₂.2Na **Molecular Weight:** 548.45
Batch Molecular Formula: C₂₁H₁₄N₂O₉S₂.2Na.6H₂O **Batch Molecular Weight:** 656.55
Appearance: Beige solid **Observed mp:** > 300 °C
TLC (R_f): 0.1 EtOAc/IPA/H₂O (6:2:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 38.42, H 3.99, N 4.27; Found: C 38.66, H 3.62, N 4.25
Storage Conditions: Desiccate at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water		11.0	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	25.0	38.1	
	EtOH			Not Tested

Remarks:

QC Date: 08-06-2018

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