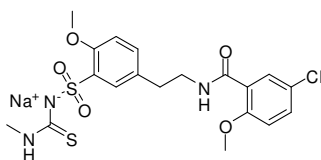




Certificate of Analysis

Axon Catalogue ID: 1757 **Batch Number:** 1
Product Name: HMR 1098
Alternative Name(s): HMR 1883 sodium salt
IUPAC Name: Sodium (5-(2-(5-chloro-2-methoxybenzamido)ethyl)-2-methoxyphenylsulfonyl) (methylcarbamothioyl)amide

Structure:



Amount:

CAS number(s): 158751-64-5 (parent), 261717-22-0 (Na salt (1:1))
Molecular Formula: C₁₉H₂₁ClN₃O₅S₂.Na **Molecular Weight:** 493.96
Batch Molecular Formula: C₁₉H₂₁ClN₃O₅S₂.Na **Batch Molecular Weight:** 493.96
Appearance: White solid **Observed mp:** 176.5 - 178.3 °C
TLC (R_f): 0.7 EtOAc
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.20, H 4.29, N 8.51; Found: C ND, H ND, N ND
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	49.4	>100 mM	
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 26-3-2021

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