



Certificate of Analysis

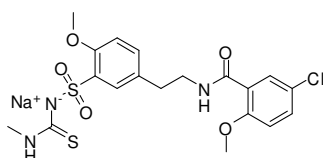
Axon Catalogue ID: 1757 **Batch Number:** 2

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 (sodium (1:1))

Molecular Formula: C₁₉H₂₁ClN₃NaO₅S₂ **Molecular Weight:** 493,96

Batch Molecular Formula: C₁₉H₂₁ClN₃NaO₅S₂.2H₂O **Batch Molecular Weight:** 529,99

Appearance: White solid **Observed mp:** 156 - 161 °C

TLC (R_f): 0,58 EtOAc (100%)

Chemical Purity: 99,3%

¹H-NMR: Analytical data confirm chemical structure

Mass Spec: Analytical data confirm chemical structure

Microanalysis: Calculated: C 043, H 005, N 008; Found: C 043, H 004, N 008

Storage Conditions: Desiccate at -20 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	42,0	79,2	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	53,0	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 23-3-2023

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