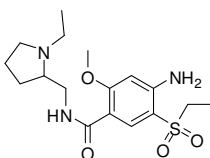




Certificate of Analysis

Axon Catalogue ID: 1381 **Batch Number:** 1
Product Name: Amisulpride
Alternative Name(s): N.A.
IUPAC Name: 4-Amino-N-((1-ethylpyrrolidin-2-yl)methyl)-5-(ethylsulfonyl)-2-methoxybenzamide

Structure:



Amount:

CAS number(s): 71675-85-9
Molecular Formula: C₁₇H₂₇N₃O₄S **Molecular Weight:** 369.48
Batch Molecular Formula: C₁₇H₂₇N₃O₄S **Batch Molecular Weight:** 369.48
Appearance: Off-white solid **Observed mp:** 121.9 - 122.8 °C
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 99.0%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.26, H 7.37, N 11.37; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	26.0	70.4	
	DMSO			Not Tested
	EtOH			Not Tested

Remarks:

QC Date: 11-2-2022

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