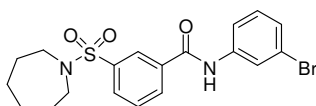


Certificate of Analysis

Axon Catalogue ID: 2270 **Batch Number:** 1
Product Name: AK 7
Alternative Name(s): N.A.
IUPAC Name: 3-(Azepan-1-ylsulfonyl)-N-(3-bromophenyl)benzamide

Structure:



Amount:

CAS number(s): 420831-40-9
Molecular Formula: C₁₉H₂₁BrN₂O₃S **Molecular Weight:** 437.35
Batch Molecular Formula: C₁₉H₂₁BrN₂O₃S **Batch Molecular Weight:** 437.35
Appearance: Off-white solid **Observed mp:** 161 °C
TLC (R_f): 0.72 Hex/EtOAc (1:1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.18, H 4.84, N 6.40; Found: C 52.00, H 4.73, N 6.48
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.7	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 18-02-2020

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