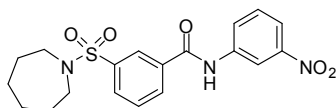




Certificate of Analysis

Axon Catalogue ID: 2269 **Batch Number:** 1
Product Name: AK 1
Alternative Name(s): N.A.
IUPAC Name: 3-(Azepan-1-ylsulfonyl)-N-(3-nitrophenyl)benzamide

Structure:



Amount:

CAS number: 330461-64-8
Batch Molecular Formula: C₁₉H₂₁N₃O₅S **Batch MW:** 403.45
Appearance: Off-white solid **Observed mp:** 179 °C
TLC (R_f): 0.58 EtOAc/Hex (1:1)
Chemical Purity: 100.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.56 , H 5.25 , N 10.41 Found: C 56.28 , H 5.20 , N 10.34
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)	0.0	0.0	Insoluble
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	40.3	>100 mM	Soluble
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 19-6-2014

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