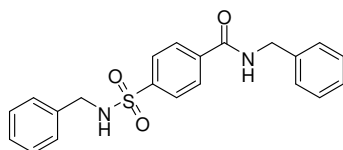




Certificate of Analysis

Axon Catalogue ID: 2974 **Batch Number:** 1
Product Name: TH 263
Alternative Name(s): N.A.
IUPAC Name: N-Benzyl-4-(N-benzylsulfamoyl)benzamide

Structure:



Amount:

CAS number(s): 313520-94-4
Molecular Formula: C₂₁H₂₀N₂O₃S **Molecular Weight:** 380.46
Batch Molecular Formula: C₂₁H₂₀N₂O₃S **Batch Molecular Weight:** 380.46
Appearance: White solid **Observed mp:** 165.0 - 167.2 °C
TLC (R_f): 0.5 DCM/MeOH (20:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.29, H 5.30, N 7.36; Found: C 66.26, H 5.18, N 7.44
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	38.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 29-10-2019

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