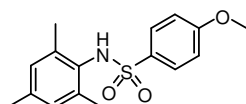




Certificate of Analysis

Axon Catalogue ID: 2582 **Batch Number:** 1
Product Name: GSK 137647A
Alternative Name(s): N.A.
IUPAC Name: N-Mesityl-4-methoxybenzenesulfonamide

Structure:



Amount:

CAS number(s): 349085-82-1
Molecular Formula: C₁₆H₁₉NO₃S **Molecular Weight:** 305.39
Batch Molecular Formula: C₁₆H₁₉NO₃S **Batch Molecular Weight:** 305.39
Appearance: White solid **Observed mp:** 163.2 - 165.8 °C
TLC (R_f): 0.34 Hex/EtOAc (4:1)
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 62.93, H 6.27, N 4.58; Found: C 63.11, H 6.11, N 4.74
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	30.5	>100 mM	
	EtOH	5.7	18.7	

Remarks:

QC Date: 09-06-2021

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