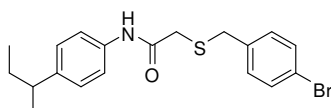




Certificate of Analysis

Axon Catalogue ID: 1747 **Batch Number:** 1
Product Name: AZ 12216052
Alternative Name(s): N.A.
IUPAC Name: 2-(4-Bromobenzylthio)-N-(4-sec-butylphenyl)acetamide

Structure:



Amount:

CAS number(s): 1290628-31-7
Molecular Formula: C₁₉H₂₂BrNOS **Molecular Weight:** 392.35
Batch Molecular Formula: C₁₉H₂₂BrNOS **Batch Molecular Weight:** 392.35
Appearance: White solid **Observed mp:** 69.5 - 70.2 °C
TLC (R_f): 0.7 Heptane/EtOAc (9:1)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.16, H 5.65, N 3.57; Found: C ND, H ND, N ND
Storage Conditions: Desiccate 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)			Not Tested
	DMSO	39.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 22-05-2019

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