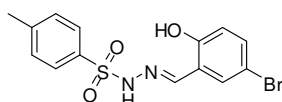




Certificate of Analysis

Axon Catalogue ID: 3292 **Batch Number:** 1
Product Name: dCeMM1
Alternative Name(s): N.A.
IUPAC Name: N'-(5-Bromo-2-hydroxybenzylidene)-4-methylbenzenesulfonylhydrazide

Structure:



Amount:

CAS number(s): 118719-16-7
Molecular Formula: C₁₄H₁₃BrN₂O₃S **Molecular Weight:** 369.23
Batch Molecular Formula: C₁₄H₁₃BrN₂O₃S **Batch Molecular Weight:** 369.23
Appearance: Pale-yellow solid **Observed mp:** 218.8 - 219.9 °C
TLC (R_f): 0.5 Hex/EtOAc (1:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 45.54, H 3.55, N 7.59; Found: C 45.58, H 3.56, N 7.63
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	4.4	12.0	
	0.1N HCl (aq)			Not Tested
	DMSO	36.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-06-2021

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