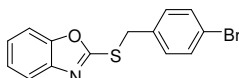


Certificate of Analysis

Axon Catalogue ID: 4165 **Batch Number:** 1
Product Name: SB4
Alternative Name(s): N.A.
IUPAC Name: 2-(4-Bromobenzylthio)benzo[d]oxazole

Structure:



Amount:

CAS number(s): 100874-08-6
Molecular Formula: C₁₄H₁₀BrNOS **Molecular Weight:** 320.20
Batch Molecular Formula: C₁₄H₁₀BrNOS **Batch Molecular Weight:** 320.20
Appearance: Light-grey solid **Observed mp:** 74.8 - 78.4°C
TLC (R_f): 0.7 Hex/EtOAc (9:1)
Chemical Purity: 100%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 52.51, H 3.15, N 4.37; Found: C 52.32, H 3.06, N 4.14
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.7	95.9	
	EtOH	8.4	26.2	

Remarks:

QC Date: 23-2-2024

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