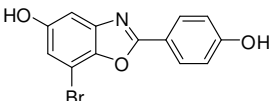




Certificate of Analysis

Axon Catalogue ID: 2697 **Batch Number:** 1
Product Name: WAY-200070
Alternative Name(s): WAY-00005
IUPAC Name: 7-Bromo-2-(4-hydroxyphenyl)benzo[d]oxazol-5-ol

Structure:  **Amount:**

CAS number(s): 440122-66-7
Molecular Formula: C₁₃H₈BrNO₃ **Molecular Weight:** 306.11
Batch Molecular Formula: C₁₃H₈BrNO₃ **Batch Molecular Weight:** 306.11
Appearance: Off-white solid **Observed mp:** >290 °C (decomp.)
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.01, H 2.63, N 4.58; Found: C 50.70, H 2.66, N 4.47
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)	10.0	32.7	
	0.1N HCl (aq)			Not Tested
	DMSO	30.6	>100 mM	
	EtOH			Not Tested

Remarks: Contains 0.5 wt% MeOH

QC Date: 19-07-2017

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