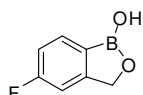




Certificate of Analysis

Axon Catalogue ID: 3170 **Batch Number:** 1
Product Name: Tavaborole
Alternative Name(s): AN2690
IUPAC Name: 5-Fluorobenzo[c][1,2]oxaborol-1(3H)-ol

Structure:



Amount:

CAS number(s): 174671-46-6
Molecular Formula: C₇H₆BF₂O **Molecular Weight:** 151.93
Batch Molecular Formula: C₇H₆BF₂O **Batch Molecular Weight:** 151.93
Appearance: White solid **Observed mp:** 128.9 - 133.7 °C
TLC (R_f): 0.4 DCM (100%)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.34, H 3.98, N 0.00; Found: C 55.62, H 4.10, N < 0.10
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.1	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	15.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-09-2020

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