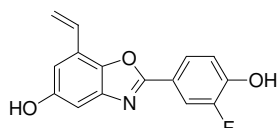




Certificate of Analysis

Axon Catalogue ID: 1898 **Batch Number:** 1
Product Name: ERB 041
Alternative Name(s): Prinaberel
IUPAC Name: 2-(3-Fluoro-4-hydroxyphenyl)-7-vinylbenzo[d]oxazol-5-ol

Structure:



Amount:

CAS number(s): 524684-52-4
Molecular Formula: C₁₅H₁₀FNO₃ **Molecular Weight:** 271.24
Batch Molecular Formula: C₁₅H₁₀FNO₃·0.125H₂O **Batch Molecular Weight:** 273.50
Appearance: Off-white solid **Observed mp:** 244 - 248 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.87, H 3.78, N 5.12; Found: C 65.83, H 3.80, N 4.96
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	11.2	41.0	
	0.1N HCl (aq)			Not Tested
	DMSO	26.4	96.5	
	EtOH			Not Tested

Remarks:

QC Date: 10-10-2018

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