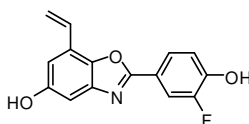




## Certificate of Analysis

**Axon Catalogue ID:** 1898 **Batch Number:** 2  
**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:** C<sub>15</sub>H<sub>10</sub>FNO<sub>3</sub> **Molecular Weight:** 271.24  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>10</sub>FNO<sub>3</sub> **Batch Molecular Weight:** 271.24  
**Appearance:** White solid **Observed mp:** 247 - 249 °C  
**TLC (R<sub>f</sub>):** 0.5 DCM/MeOH (9:1)  
**Chemical Purity:** 99.8%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 66.42, H 3.72, N 5.16; Found: C 66.15, H 3.80, N 5.26  
**Storage Conditions:** Store at +4 °C

<b>Solubility Data:</b>	<b>Solvent</b>	<b>Solubility (mg/ml)</b>	<b>Solubility (mM)</b>	<b>Remarks</b>
	Water			Not Tested
	0.1N NaOH (aq)	13.7	50.5	Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	27.1	>100 mM	Not Tested
	EtOH			Not Tested

**Remarks:**

**QC Date:** 18-4-2024

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**