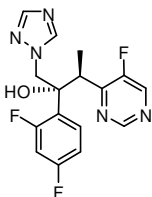


## Certificate of Analysis

**Axon Catalogue ID:** 2044 **Batch Number:** 1  
**Product Name:** Voriconazole  
**Alternative Name(s):** Vfend; UK 109496  
**IUPAC Name:** (2R,3S)-2-(2,4-Difluorophenyl)-3-(5-fluoropyrimidin-4-yl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol

**Structure:**



**Amount:**

**CAS number(s):** 137234-62-9  
**Molecular Formula:** C<sub>16</sub>H<sub>14</sub>F<sub>3</sub>N<sub>5</sub>O **Molecular Weight:** 349.31  
**Batch Molecular Formula:** C<sub>16</sub>H<sub>14</sub>F<sub>3</sub>N<sub>5</sub>O **Batch Molecular Weight:** 349.31  
**Appearance:** White solid **Observed mp:** 132.6 - 138.4 °C  
**TLC (R<sub>f</sub>):** 0.53 DCM/MeOH (9:1)  
**Chemical Purity:** 99.5%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 55.02, H 4.04, N 20.04; Found: C 55.23, H 3.86, N 20.27  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	34.9	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 14-3-2024

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**