



Product Information

Product ID V5886

CAS No. 137234-62-9

Chemical Name (2R,3S)-2-(2,4-difluorophenyl)-3-(5-fluoropyrimidin-4-yl)-1-(1,2,4-triazol-1-yl)butan-2-ol

Synonym

Formula C₁₆H₁₄F₃N₅O

Formula Wt. 349.31

Melting Point 127-130°C

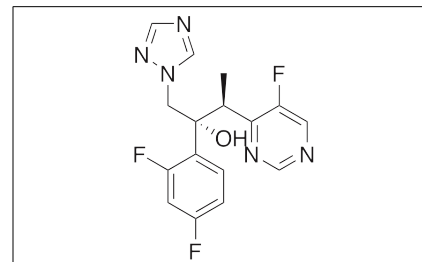
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Voriconazole is a triazole antifungal compound developed specifically to target species of *Aspergillus*, although it displays broad spectrum activity against other fungi as well. Voriconazole inhibits 14α sterol demethylase (14αSD). This compound also exhibits immunomodulatory activity, as it increases levels of toll-like receptor 2 (TLR2) and TNF-α and stimulates translocation of NF-κB in monocytes.



Bulk quantities available upon request

Product ID	Size
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V5886	100 mg
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V5886	250 mg
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V5886	1 g
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References Thompson GR 3rd, Lewis JS 2nd. Pharmacology and clinical use of voriconazole. Expert Opin Drug Metab Toxicol. 2010 Jan;6(1):83-94. PMID: 19947892.

Simitsopoulou M, Roilides E, Paliogianni F, et al. Immunomodulatory effects of voriconazole on monocytes challenged with *Aspergillus fumigatus*: differential role of Toll-like receptors. Antimicrob Agents Chemother. 2008 Sep;52(9):3301-6. PMID: 18625774.

Varanasi NL, Baskaran I, Alangaden GJ, et al. Novel effect of voriconazole on conidiation of *Aspergillus* species. Int J Antimicrob Agents. 2004 Jan;23(1):72-9. PMID: 14732317.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.