## Voriconazole-d<sub>3</sub>

MedChemExpress

Cat. No.:	HY-76200S			
CAS No.:	1217661-14-7			
Molecular Formula:	$C_{16}H_{11}D_3F_3N_5O$			
Molecular Weight:	352.33			
Target:	Fungal			
Pathway:	Anti-infection			
Storage:	Powder	-20°C	3 years	
		4°C	2 years	
	In solvent	-80°C	6 months	
		-20°C	1 month	

#### SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (141.91 mM)
H2O : 0.17 mg/mL (0.48 mM; Need ultrasonic)
* ">" magne coluble, but esturation unknown

f "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	2.8382 mL	14.1912 mL	28.3825 mL
	5 mM	0.5676 mL	2.8382 mL	5.6765 mL
	10 mM	0.2838 mL	1.4191 mL	2.8382 mL

Please refer to the solubility information to select the appropriate solvent.

### REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

# Product Data Sheet

D I\_D

OH

[2]. Nickie D Greer. Voriconazole: the newest triazole antifungal agent. Proc (Bayl Univ Med Cent). 2003 Apr;16(2):241-8.

[3]. Lesley J Scott, et al. Voriconazole : a review of its use in the management of invasive fungal infections. Drugs. 2007;67(2):269-98.

[4]. A M Sugar, et al. Efficacy of voriconazole in treatment of murine pulmonary blastomycosis. Antimicrob Agents Chemother. 2001 Feb;45(2):601-4.

#### Caution: Product has not been fully validated for medical applications. For research use only.

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