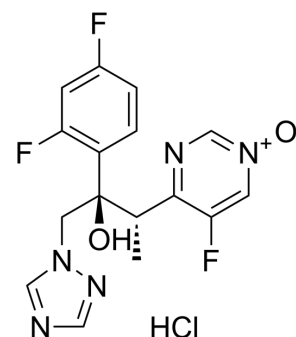


## Voriconazole N-oxide hydrochloride

Cat. No.:	HY-137989A
Molecular Formula:	C <sub>16</sub> H <sub>15</sub> ClF <sub>3</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	401.77
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (311.12 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4890 mL	12.4449 mL	24.8899 mL
	5 mM	0.4978 mL	2.4890 mL	4.9780 mL
	10 mM	0.2489 mL	1.2445 mL	2.4890 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Voriconazole N-oxide (Voriconazole oxynitride) (hydrochloride) is the main metabolite of Voriconazole (HY-76200) , a widely used triazole antibiotic (fungal). Voriconazole N-oxide (hydrochloride) provides information on the patient's drug metabolism capacity<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

others

### REFERENCES

[1]. Christelle Bogleione-Kerrien, et al. Contribution of voriconazole N-oxide plasma concentration measurements to voriconazole therapeutic drug monitoring in patients with invasive fungal infection. *Mycoses*. 2023 May;66(5):396-404.

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

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