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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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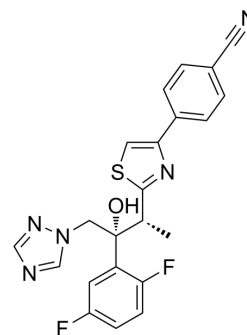
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Isavuconazole (Standard)

Cat. No.:	HY-14273R
CAS No.:	241479-67-4
Molecular Formula:	C ₂₂ H ₁₇ F ₂ N ₅ OS
Molecular Weight:	437.47
Target:	Cytochrome P450; Fungal; Antibiotic
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isavuconazole (Standard) is the analytical standard of Isavuconazole. This product is intended for research and analytical applications. Isavuconazole (BAL-4815) is a triazole proagent with antifungal activity against yeasts, molds, and dimorphic fungi. Isavuconazole inhibits ergosterol biosynthesis and results in the disruption of fungal membrane structure and function. Isavuconazole is a moderate inhibitor of CYP3A4.

REFERENCES

- [1]. Seifert H, et al. In vitro activities of isavuconazole and other antifungal agents against *Candida* bloodstream isolates. *Antimicrob Agents Chemother.* 2007 May;51(5):1818-21.
- [2]. Steinmann J, et al. In Vitro Activity of Isavuconazole against *Rasamsonia* Species. *Antimicrob Agents Chemother.* 2016 Oct 21;60(11):6890-6891.
- [3]. Donnelley MA, et al. Isavuconazole in the treatment of invasive aspergillosis and mucormycosis infections. *Infect Drug Resist.* 2016 Jun 2;9:79-86.
- [4]. Box H, et al. Pharmacodynamics of Isavuconazole in a Dynamic In Vitro Model of Invasive Pulmonary Aspergillosis. *Antimicrob Agents Chemother.* 2015 Oct 26;60(1):278-87.
- [5]. Livermore J, et al. Evaluation of the pharmacokinetics and clinical utility of isavuconazole for treatment of invasive fungal infections. *Expert Opin Drug Metab Toxicol.* 2012 Jun;8(6):759-65.

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

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