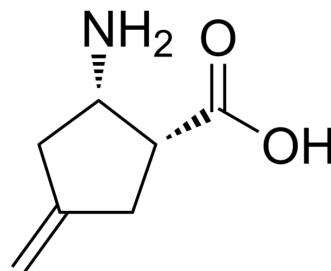


Icofungipen

Cat. No.:	HY-106997
CAS No.:	198022-65-0
Molecular Formula:	C ₇ H ₁₁ NO ₂
Molecular Weight:	141.17
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Icofungipen is an orally active antifungal agent. Icofungipen is the representative of beta amino acids, is toxic against Candida species. Icofungipen protects infected mice survival from <i>C. albicans</i> infection ^[1] .
In Vitro	Icofungipen shows inhibitory effect on Candida species with MIC values of 16-64 µg/mL after 24-48 h ^[1] . Icofungipen shows MIC ₉₀ values of 8-32 µg/mL for 90% <i>C. albicans</i> ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	Icofungipen (5-25 mg/kg; po; twice daily for 7 days) shows a dose-dependent protection against clinical isolates of <i>C. albicans</i> in a lethal model of infection in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hasenoehrl A, et al. In vitro activity and in vivo efficacy of icofungipen (PLD-118), a novel oral antifungal agent, against the pathogenic yeast *Candida albicans*. *Antimicrob Agents Chemother.* 2006 Sep;50(9):3011-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA