

Product Datasheet

phthalazinone 24

Catalog No. **BP-02235** · CAS **2085274-00-4** · Form **free base** · Physical state **solid** · Version **1.0** · Revision **2026-09-03**

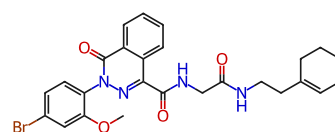
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Target Fungal	Research area Infection
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Molecular formula **C₂₆H₂₇BrN₄O₄**

Molecular weight **539.4210**

STRUCTURE



DESCRIPTION

phthalazinone 24 is a potent Antifungal Synergy of Phthalazinone with Azoles Against *Candida albicans* (EC₅₀ =1 nM).

BIOLOGICAL ACTIVITY

In Vitro

Antifungal agent 35 (compound 24) (0.0015-15 mM; *C. albicans*) inhibits fungal cell growth in a dose-dependent manner with EC₅₀ value of 0.001 μM in the presence of fluconazole.

Antifungal agent 35 (compound 24) (0.0015-15 mM; *C. albicans*) shows potent activities (EC₅₀ < 1 μM) against all resistant isolates in the presence of fluconazole.

SOLUBILITY

DMSO

REFERENCES

[1]. Mood AD, et, al. Potent Antifungal Synergy of Phthalazinone and Isoquinolones with Azoles Against *Candida albicans*. ACS Med Chem Lett. 2017 Jan 11;8(2):168-173.