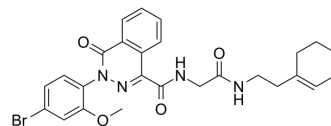


Antifungal agent 35

Cat. No.:	HY-147238
CAS No.:	2085274-00-4
Molecular Formula:	C ₂₆ H ₂₇ BrN ₄ O ₄
Molecular Weight:	539.42
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (46.35 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.8538 mL	9.2692 mL	18.5384 mL	
5 mM	0.3708 mL	1.8538 mL	3.7077 mL	
10 mM	0.1854 mL	0.9269 mL	1.8538 mL	

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

BIOLOGICAL ACTIVITY

Description

Antifungal agent 35 (compound 24) is a potent antifungal agent. Antifungal agent 35 is a potent enhancer of antifungal activity of Fluconazole against *C. albicans*^[1].

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^[1].

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^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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.

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