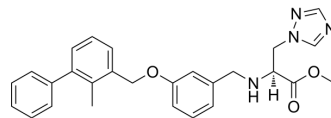


CYP51/PD-L1-IN-4

Cat. No.:	HY-149617
Molecular Formula:	C ₂₇ H ₂₈ N ₄ O ₃
Molecular Weight:	456.54
Target:	Cytochrome P450; PD-1/PD-L1
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CYP51/PD-L1-IN-4 (compound 14a-2) is a potent dual-target (CYP51/PD-L1) inhibitor, with IC ₅₀ values of 0.17 and 0.021 μM, respectively. CYP51/PD-L1-IN-4 exhibits excellent antifungal and antidrug-resistant fungal activity in vitro. CYP51/PD-L1-IN-4 can be used for fungal infections research ^[1] .	
IC ₅₀ & Target	CYP51 0.17 ± 0.0 μM (IC ₅₀)	PD-L1 0.021 ± 0. μM (IC ₅₀)

REFERENCES

[1]. Liu Y, et al. Construction and Evaluation of Novel Dual-function Antifungal Inhibitors and Covalent Organic Framework Carriers Based on the Infection Microenvironment. J Med Chem. 2023 Oct 12;66(19):13838-13857.

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

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