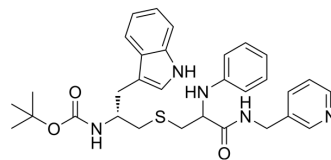


CYP3A4-IN-1

Cat. No.:	HY-150574
CAS No.:	2771297-34-6
Molecular Formula:	C ₃₁ H ₃₇ N ₅ O ₃ S
Molecular Weight:	559.72
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CYP3A4-IN-1 (compound 5a) is a potent cytochrome P450 3A4 (CYP3A4) inhibitor with an IC ₅₀ value of 0.085 μM ^[1] .
IC ₅₀ & Target	CYP3A4 0.085 μM (IC ₅₀)

REFERENCES

[1]. Samuels ER, et al. An increase in side-group hydrophobicity largely improves the potency of ritonavir-like inhibitors of CYP3A4. *Bioorg Med Chem.* 2020 Mar 15;28(6):115349.

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

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