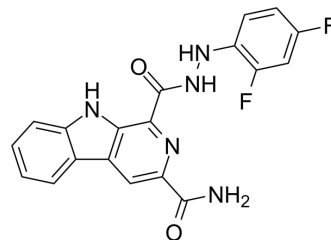


Gamma-Glutamyl Transferase-IN-2

Cat. No.:	HY-154996
CAS No.:	2956809-82-6
Molecular Formula:	C ₁₉ H ₁₃ F ₂ N ₅ O ₂
Molecular Weight:	381.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Gamma-Glutamyl Transferase-IN-2 (compound 4dq) is a β -carboline 1-hydrazide inhibitor with antifungal and antibacterial activities, targeting to glutamyltransferase. Gamma-Glutamyl Transferase-IN-2 acts function by resulting the accumulation of reactive oxygen species, destruction of cell membranes, and dysregulation of histone acetylation ^[1] .
IC ₅₀ & Target	Gamma-Glutamyl Transferase ^[1]

REFERENCES

[1]. Sheng T, et al. Chromatography-Free Synthesis of β -Carboline 1-Hydrazides and an Investigation of the Mechanism of Their Bioactivity: The Discovery of β -Carbolines as Promising Antifungal and Antibacterial Candidates. *J Med Chem.* 2023 Jul 13;66(13):9040-9056.

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

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