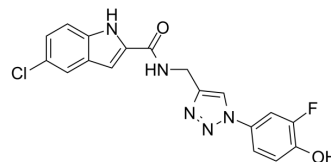


MIF-IN-6

Cat. No.:	HY-146319
CAS No.:	2582758-61-8
Molecular Formula:	C ₁₈ H ₁₃ ClFN ₅ O ₂
Molecular Weight:	385.78
Target:	Macrophage migration inhibitory factor (MIF)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MIF-IN-6 (compound 2d) is a potent macrophage migration inhibitory factor (MIF) inhibitor with an IC ₅₀ of 1.4 μM and a K _i value of 0.96 μM, respectively. MIF-IN-6 attenuates MIF-induced ERK phosphorylation and inhibits proliferation of A549 cells [1].
IC ₅₀ & Target	IC ₅₀ : 1.4 μM (MIF) ^[1] K _i : 0.96 μM (MIF) ^[1]

REFERENCES

[1]. Xiao Z, Fokkens M, Chen D, et al. Structure-activity relationships for binding of 4-substituted triazole-phenols to macrophage migration inhibitory factor (MIF). *Eur J Med Chem.* 2020;186:111849.

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

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