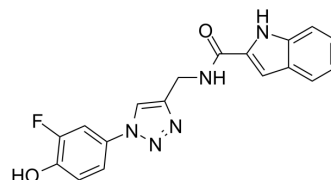


MIF-IN-5

Cat. No.:	HY-146318
CAS No.:	2582755-31-3
Molecular Formula:	C ₁₈ H ₁₄ FN ₃ O ₂
Molecular Weight:	351.33
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-5 (compound 1d) is a potent and reversible macrophage migration inhibitory factor (MIF) competitive inhibitor with an IC ₅₀ of 4.8 μM and a K _i value of 3.3 μM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 4.8 μM (MIF) ^[1] K _i : 3.3 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.

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