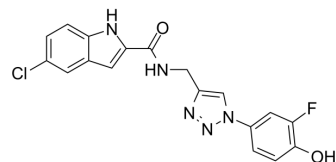


## MIF-IN-6

Cat. No.:	HY-146319
CAS No.:	2582758-61-8
Molecular Formula:	C <sub>18</sub> H <sub>13</sub> ClFN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	385.78
Target:	Others
Pathway:	Others
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 <sub>50</sub> of 1.4 μM and a K <sub>i</sub> value of 0.96 μM, respectively. MIF-IN-6 attenuates MIF-induced ERK phosphorylation and inhibits proliferation of A549 cells [1].
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.4 μM (MIF) <sup>[1]</sup> K <sub>i</sub> : 0.96 μM (MIF) <sup>[1]</sup>

## 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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