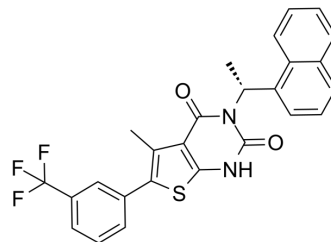


## MIF2-IN-1

Cat. No.:	HY-115888
CAS No.:	2917525-79-0
Molecular Formula:	C <sub>26</sub> H <sub>19</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	480.5
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	MIF2-IN-1 (compound 5d) is a potent inhibitor of MIF2 tautomerase with an IC <sub>50</sub> of 1.0 μM. MIF2-IN-1 suppresses the proliferation of non-small cell lung cancer cells by the induction of cell cycle arrest via deactivation of the MAPK pathway. MIF2-IN-1 has the potential for the research of cancer diseases <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: 1.0 μM (MIF2) <sup>[1]</sup>

### REFERENCES

[1]. Xiao Z, et al. Thieno[2,3-d]pyrimidine-2,4(1H,3H)-dione Derivative Inhibits d-Dopachrome Tautomerase Activity and Suppresses the Proliferation of Non-Small Cell Lung Cancer Cells. J Med Chem. 2022 Feb 10;65(3):2059-2077.

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

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