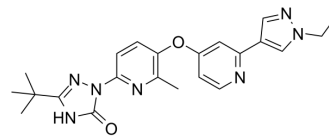


## c-Fms-IN-6

Cat. No.:	HY-111947
CAS No.:	1628574-81-1
Molecular Formula:	C <sub>22</sub> H <sub>25</sub> N <sub>7</sub> O <sub>2</sub>
Molecular Weight:	419.48
Target:	c-Fms
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	c-Fms-IN-6 is a potent inhibitor of c-FMS, with an IC <sub>50</sub> of ≤10 nM for unphosphorylated c-FMS, also weakly inhibits unphosphorylated c-KIT and PDGFR (IC <sub>50</sub> , > 1 μM). Used in the research of autoimmune diseases <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : ≤10 nM (c-FMS) <sup>[1]</sup>
In Vitro	c-Fms-IN-6 (Example 38) shows inhibitory activity against M-NFS-60 cell proliferation, with an IC <sub>50</sub> in the range of 0.01 μM to 0.1 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Gary E. L. BRANDT, et al. 1,2,4-triazol-5-ones and analogs exhibiting anti-cancer and anti-proliferative activities. WO2014145023A1.

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

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