## c-Fms-IN-9

| Cat. No.:<br>CAS No.:<br>Molecular Formula:<br>Molecular Weight:<br>Target:<br>Pathway:<br>Storage: | HY-128680<br>1628574-50-4<br>C <sub>21</sub> H <sub>23</sub> N <sub>7</sub> O <sub>2</sub><br>405.45<br>c-Fms<br>Protein Tyrosine Kinase/RTK<br>Please store the product under the recommended conditions in the Certificate of<br>Analysis. | $H_{N-N} = 0$ |
|---|--|---------------|
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| BIOLOGICAL ACTIVITY       |   |  |
|---------------------------|---|--|
| Description               | c-Fms-IN-9 is a c-FMS inhibitor extracted from patent WO2014145023A1, Compound Example 7. c-Fms-IN-9 inhibits unphosphorylated c-FMS kinase (uFMS) and uKIT with IC <sub>50</sub> s of <0.01 μM and 0.1-1 μM, respectively <sup>[1]</sup> . |  |
| IC <sub>50</sub> & Target | c-FMS <sup>[1]</sup>  |  |
| In Vitro                  | c-Fms-IN-9 inhibits M-NFS-60, THP-1 and osteoclast cells proliferation with IC <sub>50</sub> s of 0.01-0.1 $\mu$ M <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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Product Data Sheet

