ODM-203

Cat. No.: HY-119367
CAS No.: 1430723-35-5
Molecular Formula: C_{26}H_{21}F_2N_5O_2S
Molecular Weight: 505.54
Target: FGFR, VEGFR
Pathway: Protein Tyrosine Kinase/RTK
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

**Description**
ODM-203 is a potent FGFR and VEGFR families inhibitor with IC_{50}s of 11, 16, 6, 35 nM towards recombinant FGFR1, FGFR2, FGFR3 and FGFR4 as well as 26, 9, 5 nM towards VEGFR1, VEGFR2 and VEGFR3, respectively. ODM-203 exhibits strong anti-tumor activity and induces anti-tumor immunity[1].

<table>
<thead>
<tr>
<th>IC_{50} &amp; Target</th>
<th>FGFR1</th>
<th>FGFR2</th>
<th>FGFR3</th>
<th>FGFR4</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGFR1</td>
<td>11 nM (IC_{50})</td>
<td>16 nM (IC_{50})</td>
<td>6 nM (IC_{50})</td>
<td>35 nM (IC_{50})</td>
</tr>
<tr>
<td>VEGFR1</td>
<td>26 nM (IC_{50})</td>
<td>9 nM (IC_{50})</td>
<td>5 nM (IC_{50})</td>
<td>DDR1 6 nM (IC_{50})</td>
</tr>
<tr>
<td>RET</td>
<td>8 nM (IC_{50})</td>
<td>SIK3 23 nM (IC_{50})</td>
<td>PDGFRa 35 nM (IC_{50})</td>
<td>MINK1 41 nM (IC_{50})</td>
</tr>
<tr>
<td>MAP4K4</td>
<td>49 nM (IC_{50})</td>
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</tr>
</tbody>
</table>

**REFERENCES**


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

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