DS28120313

Cat. No.: HY-107980
CAS No.: 2146177-09-3
Molecular Formula: C₁₆H₁₇N₅O₂
Molecular Weight: 311.34
Target: Others
Pathway: Others
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>DS28120313 (compound 32) is an orally <strong>hepcidin production</strong> inhibitor with an <strong>IC₅₀</strong> of 0.093 μM[1].</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IC₅₀ &amp; Target</strong></td>
<td>IC₅₀: 0.093 μM (hepcidin production)[1]</td>
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<tr>
<td><strong>In Vivo</strong></td>
<td>DS28120313 (deliver orally; 30 mg/kg; 30 min before IL-6 administration) inhibits hepcidin production and reduces the blood hepcidin level in IL-6 induced acute inflammatory C57BL/6 mouse model[1].</td>
</tr>
</tbody>
</table>

**REFERENCES**


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

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