αβ1 integrin-IN-1

Cat. No.: HY-100445
CAS No.: 1689540-62-2
Molecular Formula: C_{26}H_{34}N_{6}O_{6}S
Molecular Weight: 558.65
Target: Integrin
Pathway: Cytoskeleton
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>αβ1 integrin-IN-1 (Compound C8) is a potent and selective αβ1 integrin inhibitor with an IC_{50} of 0.63 nM. Antifibrotic effects[1].</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC_{50} &amp; Target</td>
<td>IC50: 0.63 nM (αβ1 integrin)[1]</td>
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<td>In Vitro</td>
<td>αβ1 integrin-IN-1 (Compound C8) significantly reduces the fibrotic markers in mouse model for liver and lung fibrosis[1].</td>
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</tbody>
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REFERENCES