PAT-048

Cat. No.: HY-123522
CAS No.: 1359983-15-5
Molecular Formula: C₂₂H₁₈ClF₂N₃O₂S
Molecular Weight: 461.91
Target: Phosphodiesterase (PDE)
Pathway: Metabolic Enzyme/Protease
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>PAT-048 is a potent, selective and orally active autotaxin inhibitor, inhibits IL-6 mRNA expression, but shows no effect on autotaxin protein and pulmonary lysophosphatidic acid (LPA) production in lung fibrosis model. PAT-048 shows an IC₅₀ and IC₉₀ of 20 nM and 200 nM for autotaxin in mouse plasma. PAT-048 reduces dermal fibrosis in vivo[1][2].</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>IC₅₀: 20 nM (Autotaxin, in mouse plasma)[1] IC₉₀: 200 nM (Autotaxin, in mouse plasma)[1]</td>
</tr>
</tbody>
</table>

REFERENCES


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

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