Lopinavir Metabolite M-1

Cat. No.: HY-136703
CAS No.: 192725-39-6
Molecular Formula: C₃₇H₄₆N₄O₆
Molecular Weight: 642.78
Target: HIV Protease
Pathway: Anti-infection; Metabolic Enzyme/Protease
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Lopinavir Metabolite M-1 is an active metabolite of Lopinavir, and inhibits HIV protease with a $K_i$ of 0.7 pM. Lopinavir Metabolite M-1 has antiviral activities in vitro$^{[1]}$$^{[2]}$.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>IC₅₀: 0.7 pM (HIV Protease)$^{[1]}$</td>
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<td>In Vitro</td>
<td>Lopinavir Metabolite M-1 has antiviral activities in MT-4 cells, with an EC₅₀ of 1.413 μM$^{[1]}$.</td>
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**REFERENCES**
