OXA(17-33)

Cat. No.: HY-P1341
CAS No.: 343268-91-7
Molecular Formula: C₁₇₉H₁₂₅N₂₃O₂₂
Molecular Weight: 1748.98
Sequence: Tyr-Glu-Leu-Leu-His-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Leu-NH₂
Sequence Shortening: YELHGAGHAIGTLT-NH₂
Target: Orexin Receptor (OX Receptor)
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description: OXA(17-33) is a potent and selective orexin-1 receptor (OX1) agonist. OXA(17-33) shows a -23-fold selectivity for the OX1 (EC₅₀=8.29 nM) over OX2 (187 nM)[1].

<table>
<thead>
<tr>
<th>IC₅₀ &amp; Target</th>
<th>OX1</th>
<th>OX2</th>
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<td>8.29 nM (EC₅₀)</td>
<td>187 nM (EC₅₀)</td>
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REFERENCES