Product datasheet

Novokinin, Angiotensin AT\textsubscript{2} receptor agonist ab145058

Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>Novokinin, Angiotensin AT\textsubscript{2} receptor agonist</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Angiotensin AT\textsubscript{2} receptor agonist</td>
</tr>
<tr>
<td><strong>Biological description</strong></td>
<td>Angiotensin AT\textsubscript{2} receptor agonist (K_i = 7 \mu M). Antagonises the antinociceptive effect of morphine, shows antihypertensive, vasorelaxing and anorexigenic effects \textit{in vivo}. Orally active. Shows central effects.</td>
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<tr>
<td><strong>Purity</strong></td>
<td>&gt; 98%</td>
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<tr>
<td><strong>CAS Number</strong></td>
<td>358738-77-9</td>
</tr>
<tr>
<td><strong>Chemical structure</strong></td>
<td>\textit{Arg-Pro-Lys-Lys-Pro-Trp}</td>
</tr>
</tbody>
</table>

Properties

- **Molecular weight**: 795.98
- **Molecular formula**: C\textsubscript{39}H\textsubscript{61}N\textsubscript{11}O\textsubscript{7}
- **Sequence**: RPLKPW
- **Storage instructions**: Store at -20\(^\circ\)C. Store under desiccating conditions. The product can be stored for up to 12 months.
- **Solubility overview**: Soluble in 4:1 water/acetonitrile to 1 mg/ml
- **Handling**: Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20\(^\circ\)C. Generally, these will be usable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

- **Source**: Synthetic

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