**Levalbuterol tartrate**

Cat. No.: HY-17457  
CAS No.: 661464-94-4  
Molecular Formula: C₃₀H₄₈N₂O₁₂  
Molecular Weight: 628.71  
Target: Adrenergic Receptor  
Pathway: GPCR/G Protein; Neuronal Signaling  
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Levosalbutamol tartrate (levalbuterol) is the R-enantiomer of the short-acting β2-adrenergic receptor agonist salbutamol. IC₅₀ Value: Target: β2-adrenergic receptor. Levosalbutamol and salbutamol produced significantly better bronchodilator responses than placebo. Both the drugs showed equivalent time-dependent bronchodilator responses as measured by area under curve for percent change in FEV₁ and FVC over 6h. The time to onset of action, mean maximum bronchodilator response and duration of bronchodilator response were similar between levosalbutamol and salbutamol [1].</th>
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</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>β adrenergic receptor</td>
</tr>
</tbody>
</table>

**REFERENCES**