Golotimod

Cat. No.: HY-14743  
CAS No.: 229305-39-9  
Molecular Formula: C₁₆H₁₉N₃O₅  
Molecular Weight: 333.34  
Target: Bacterial; STAT  
Pathway: Anti-infection; JAK/STAT Signaling; Stem Cell/Wnt  
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golotimod (SCV-07), an immunomodulating peptide with antimicrobial activity, significantly increases the efficacy of antituberculosis therapy, stimulates thymic and splenic cell proliferation, and improves macrophage function. Golotimod (SCV-07) inhibits STAT3 signaling and modulates the duration and severity of oral mucositis in animal models that received radiation or a combination of radiation and Cisplatin. Golotimod (SCV-07) is also a potential therapeutic for recurrent genital herpes simplex virus type 2 (HSV-2)[1][2][3].</td>
</tr>
</tbody>
</table>

| IC₅₀ & Target | STAT3  

**REFERENCES**

