PF-4840154

Cat. No.: HY-18779
CAS No.: 1332708-14-1
Molecular Formula: C₂₆H₃₈N₆O₂
Molecular Weight: 466.62
Target: TRP Channel
Pathway: Membrane Transporter/Ion Channel
Storage:
- Powder: -20°C 3 years, 4°C 2 years
- In solvent: -80°C 6 months, -20°C 1 month

Solvent & Solubility

In Vitro
10 mM in DMSO

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass (mg)</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td></td>
<td>2.1431 mL</td>
<td>10.7154 mL</td>
<td>21.4307 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td></td>
<td>0.4286 mL</td>
<td>2.1431 mL</td>
<td>4.2861 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td></td>
<td>0.2143 mL</td>
<td>1.0715 mL</td>
<td>2.1431 mL</td>
</tr>
</tbody>
</table>

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description
PF-4840154 is a potent, selective agonist of the rat and human TrpA1 channel with EC₅₀s of 97 and 23 nM, respectively.

IC₅₀ & Target
IC₅₀: 97 nM (rTrpA1), 23 nM (hTrpA1)[1]

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.
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