TyK2-IN-2

Cat. No.: HY-101762
CAS No.: 2098466-94-3
Molecular Formula: C₁₆H₁₈N₆O
Molecular Weight: 310.35
Target: JAK
Pathway: Epigenetics; JAK/STAT Signaling; Stem Cell/Wnt
Storage:
- Powder: -20°C, 3 years; 4°C, 2 years
- In solvent: -80°C, 6 months; -20°C, 1 month

SOLVENT & SOLUBILITY

In Vitro

DMSO: ≥ 25 mg/mL (80.55 mM)

* "≥" means soluble, but saturation unknown.

<table>
<thead>
<tr>
<th>Solvent Concentration</th>
<th>Mass (1 mg)</th>
<th>Mass (5 mg)</th>
<th>Mass (10 mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.2222 mL</td>
<td>16.1108 mL</td>
<td>32.2217 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6444 mL</td>
<td>3.2222 mL</td>
<td>6.4443 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3222 mL</td>
<td>1.6111 mL</td>
<td>3.222 mL</td>
</tr>
</tbody>
</table>

Preparing Stock Solutions

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

BIOLOGICAL ACTIVITY

Description
TyK2-IN-2 is an inhibitor of TYK2, used for treatment of inflammatory and autoimmune diseases.

IC₅₀ & Target
Tyk2

REFERENCES

[1]. David S. Weinstein, et al. Imidazopyridazine compounds useful as modulators of il-12, il-23 and/or ifn alpha responses. WO 2017087590 A1
Caution: Product has not been fully validated for medical applications. For research use only.

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