CC-92480

Cat. No.: HY-129395
CAS No.: 2259648-80-9
Molecular Formula: C₃₂H₃₀FN₅O₄
Molecular Weight: 567.61
Target: E1/E2/E3 Enzyme; Apoptosis
Pathway: Metabolic Enzyme/Protease; Apoptosis
Storage: Powder -20°C 3 years
        4°C 2 years
        In solvent -80°C 6 months
        -20°C 1 month

SOLVENT & SOLUBILITY

In Vitro

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Preparing Stock Solutions

- 1 mM
  - 1.7618 mL
  - 8.8089 mL
  - 17.6177 mL
- 5 mM
  - 0.3524 mL
  - 1.7618 mL
  - 3.5235 mL
- 10 mM
  - ---
  - ---
  - ---

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

BIOLOGICAL ACTIVITY

Description

CC-92480 is a cereblon E3 ubiquitin ligase modulating drug (CELMoD). CC-92480 shows high affinity to cereblon, resulting in potent antmyeloma activity[1].

In Vitro

CC-92480 is the second cereblon modulator. CC-92480-induced loss of Aiolos and Ikaros in cultures of PBMCs resulted in the activation of T cells and increased production of IL-2 and IFN-γ. CC-92480 is effective in CC-5013, CC-4047, and CC-220-resistant cell lines. It exerts single-agent induction of apoptosis and exhibits remarkable synergy with NSC 34521[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Tel: 609-228-6898                        Fax: 609-228-5909                        E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA