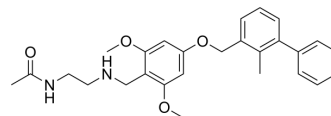


BMS-37

| | | | | | | | | | | | | | |
|---------------------------|--|----------|-------|---------|--|-----|---------|------------|-------|----------|--|-------|---------|
| Cat. No.: | HY-150879 | | | | | | | | | | | | |
| CAS No.: | 1675202-20-6 | | | | | | | | | | | | |
| Molecular Formula: | C ₂₇ H ₃₂ N ₂ O ₄ | | | | | | | | | | | | |
| Molecular Weight: | 448.55 | | | | | | | | | | | | |
| Target: | PD-1/PD-L1; Ligands for Target Protein for PROTAC | | | | | | | | | | | | |
| Pathway: | Immunology/Inflammation; PROTAC | | | | | | | | | | | | |
| Storage: | <table border="0"> <tr> <td>Powder</td> <td>-20°C</td> <td>3 years</td> </tr> <tr> <td></td> <td>4°C</td> <td>2 years</td> </tr> <tr> <td>In solvent</td> <td>-80°C</td> <td>6 months</td> </tr> <tr> <td></td> <td>-20°C</td> <td>1 month</td> </tr> </table> | Powder | -20°C | 3 years | | 4°C | 2 years | In solvent | -80°C | 6 months | | -20°C | 1 month |
| Powder | -20°C | 3 years | | | | | | | | | | | |
| | 4°C | 2 years | | | | | | | | | | | |
| In solvent | -80°C | 6 months | | | | | | | | | | | |
| | -20°C | 1 month | | | | | | | | | | | |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (222.94 mM; Need ultrasonic)

| Concentration | Mass | | |
|---------------|-----------|------------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 2.2294 mL | 11.1470 mL | 22.2941 mL |
| 5 mM | 0.4459 mL | 2.2294 mL | 4.4588 mL |
| 10 mM | 0.2229 mL | 1.1147 mL | 2.2294 mL |

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (5.57 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (5.57 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (5.57 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

BMS-37 is a PD-1/PD-L1 immune checkpoint inhibitor. BMS-37 can be used as PD-L1 ligand to synthesize PROTAC molecules [1].

REFERENCES

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

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