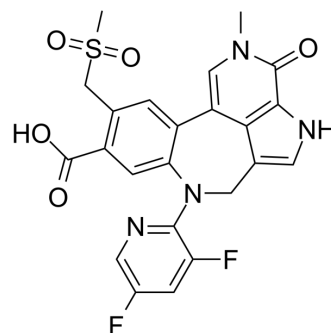


## PROTAC BRD4 ligand-1

|                           |  |       |          |
|---------------------------|--|-------|----------|
| <b>Cat. No.:</b>          | HY-129939  |       |          |
| <b>CAS No.:</b>           | 2313230-51-0   |       |          |
| <b>Molecular Formula:</b> | C <sub>23</sub> H <sub>18</sub> F <sub>2</sub> N <sub>4</sub> O <sub>5</sub> S |       |          |
| <b>Molecular Weight:</b>  | 500.47   |       |          |
| <b>Target:</b>            | Epigenetic Reader Domain; Ligands for Target Protein for PROTAC                |       |          |
| <b>Pathway:</b>           | Epigenetics; PROTAC  |       |          |
| <b>Storage:</b>           | Powder   | -20°C | 3 years  |
|                           |  | 4°C   | 2 years  |
|                           | In solvent   | -80°C | 6 months |
|                           |  | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

|   |   |                          |           |           |
|---|---|--------------------------|-----------|-----------|
| <b>In Vitro</b>   | DMSO : 5 mg/mL (9.99 mM); Need ultrasonic   |                          |           |           |
|   |   | Solvent<br>Concentration | Mass      |           |
|   |   |                          | 1 mg      | 5 mg      |
|   | <b>Preparing Stock Solutions</b>  | <b>1 mM</b>              | 1.9981 mL | 9.9906 mL |
|   | <b>5 mM</b>   | 0.3996 mL                | 1.9981 mL |           |
|   | <b>10 mM</b>  | ---                      | ---       |           |
| Please refer to the solubility information to select the appropriate solvent. |   |                          |           |           |
| <b>In Vivo</b>  | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline<br>Solubility: 2.5 mg/mL (5.00 mM); Suspended solution; Need ultrasonic |                          |           |           |

### BIOLOGICAL ACTIVITY

|                    |   |
|--------------------|---|
| <b>Description</b> | PROTAC BRD4 ligand-1 is a potent BET inhibitor and a ligand for target BRD4 protein for PROTACT GNE-987 (HY-129937A) <sup>[1]</sup> . |
|--------------------|---|

### REFERENCES

[1]. Pillow TH, et al. Antibody Conjugation of a Chimeric BET Degradator Enables in vivo Activity. ChemMedChem. 2019 Oct 31.

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

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