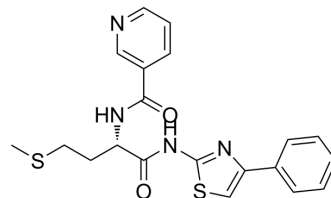


## BRM/BRG1 ATP Inhibitor-2

|                           |  |                |
|---------------------------|--|----------------|
| <b>Cat. No.:</b>          | HY-145946  |                |
| <b>CAS No.:</b>           | 2368900-77-8   |                |
| <b>Molecular Formula:</b> | C <sub>20</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub> S <sub>2</sub> |                |
| <b>Molecular Weight:</b>  | 412.53   |                |
| <b>Target:</b>            | Epigenetic Reader Domain   |                |
| <b>Pathway:</b>           | Epigenetics  |                |
| <b>Storage:</b>           | Powder   | -20°C 3 years  |
|                           | In solvent   | -80°C 6 months |
|                           |  | -20°C 1 month  |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (242.41 mM; Need ultrasonic)

| Solvent                   | Mass  | Concentration |            |            |
|---------------------------|-------|---------------|------------|------------|
|                           |       | 1 mg          | 5 mg       | 10 mg      |
| Preparing Stock Solutions | 1 mM  | 2.4241 mL     | 12.1203 mL | 24.2407 mL |
|                           | 5 mM  | 0.4848 mL     | 2.4241 mL  | 4.8481 mL  |
|                           | 10 mM | 0.2424 mL     | 1.2120 mL  | 2.4241 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 (6.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

BRM/BRG1 ATP Inhibitor-2 is a BRG1/BRM ATPase inhibitor for the research of BAF-related disorders.

### REFERENCES

[1]. Neville John ANTHONY, et al. Compounds and uses thereof. WO2019152437A1.

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

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