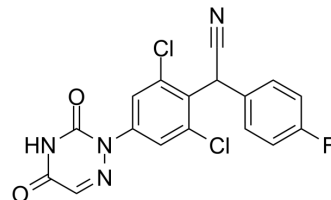


## Letrazuril

|                    |   |       |         |
|--------------------|---|-------|---------|
| Cat. No.:          | HY-106859   |       |         |
| CAS No.:           | 103337-74-2   |       |         |
| Molecular Formula: | C <sub>17</sub> H <sub>9</sub> Cl <sub>2</sub> FN <sub>4</sub> O <sub>2</sub> |       |         |
| Molecular Weight:  | 391.18  |       |         |
| Target:            | HIV   |       |         |
| Pathway:           | Anti-infection  |       |         |
| Storage:           | Powder  | -20°C | 3 years |
|                    |   | 4°C   | 2 years |
|                    | In solvent  | -80°C | 2 years |
|                    |   | -20°C | 1 year  |



### SOLVENT & SOLUBILITY

|   |   |                          |            |            |
|---|---|--------------------------|------------|------------|
| In Vitro  | DMSO : 50 mg/mL (127.82 mM; Need ultrasonic)  |                          |            |            |
|   |   | Solvent<br>Concentration | Mass       |            |
|   |   |                          | 1 mg       | 5 mg       |
|   |   |                          | 10 mg      |            |
| Preparing Stock Solutions   | 1 mM  | 2.5564 mL                | 12.7818 mL | 25.5637 mL |
|   | 5 mM  | 0.5113 mL                | 2.5564 mL  | 5.1127 mL  |
|   | 10 mM   | 0.2556 mL                | 1.2782 mL  | 2.5564 mL  |
| Please refer to the solubility information to select the appropriate solvent. |   |                          |            |            |
| In Vivo   | 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline<br>Solubility: ≥ 2.22 mg/mL (5.68 mM); Clear solution |                          |            |            |

### BIOLOGICAL ACTIVITY

|             |                                  |
|-------------|----------------------------------|
| Description | Letrazuril is an anti-HIV agent. |
|-------------|----------------------------------|

### REFERENCES

[1]. Hamour AA, et al. Successful treatment of AIDS-related cryptosporidial sclerosing cholangitis. AIDS. 1993 Nov;7(11):1449-51.

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

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