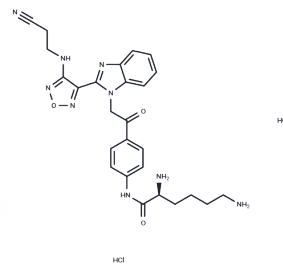


## Lisavanbulin dihydrochloride

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1387574-54-0  |
| Formula:          | C <sub>26</sub> H <sub>31</sub> Cl <sub>2</sub> N <sub>9</sub> O <sub>3</sub>                                       |
| Molecular Weight: | 588.49  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|             |   |
|-------------|---|
| Description | Lisavanbulin (BAL-101553) dihydrochloride serves as a precursor to the microtubule-targeting agent Avanbulin (BAL 27862). Lisavanbulin dihydrochloride exhibits antitumor activity, particularly in tumors that express high levels of end-binding protein 1. |
|-------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.6993 mL | 8.4963 mL | 16.9926 mL |
| 5 mM  | 0.3399 mL | 1.6993 mL | 3.3985 mL  |
| 10 mM | 0.1699 mL | 0.8496 mL | 1.6993 mL  |
| 50 mM | 0.034 mL  | 0.1699 mL | 0.3399 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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