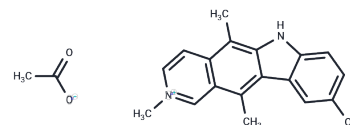


## Elliptinium acetate

### Chemical Properties

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| CAS No. :         | 58337-35-2                                                    |
| Formula:          | C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub> |
| Molecular Weight: | 336.38                                                        |
| Appearance:       | no data available                                             |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year      |



### Biological Description

|             |                                                                                                                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Elliptinium acetate (NSC 264137), a DNA intercalating agent, exhibits high cytotoxicity towards L1210 cells and forms covalent bonds with nucleic acids from these cells. It holds potential in cancer research, especially for treating metastatic breast cancer. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.9728 mL | 14.8641 mL | 29.7283 mL |
| 5 mM  | 0.5946 mL | 2.9728 mL  | 5.9457 mL  |
| 10 mM | 0.2973 mL | 1.4864 mL  | 2.9728 mL  |
| 50 mM | 0.0595 mL | 0.2973 mL  | 0.5946 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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