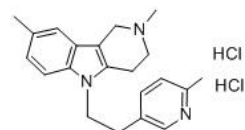


## Technical Data Sheet

### 2,3,4,5-Tetrahydro-2,8-dimethyl-5-[2-(6-methyl-3-pyridyl)ethyl]-1H-pyrido[4,3-b]indole dihydrochloride

#### Compound Information

|                           |                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | 2,3,4,5-Tetrahydro-2,8-dimethyl-5-[2-(6-methyl-3-pyridyl)ethyl]-1H-pyrido[4,3-b]indole dihydrochloride |
| <b>CAS No.:</b>           | 97657-92-6                                                                                             |
| <b>Molecular Formula:</b> | C <sub>21</sub> H <sub>25</sub> N <sub>3</sub> ·2ClH                                                   |
| <b>Molecular Weight:</b>  | 392.371                                                                                                |
| <b>Storage:</b>           | Store the product in sealed, cool and dry condition.                                                   |
| <b>Revision Date:</b>     | 2026-04-27                                                                                             |



#### Analytical Information

| Tests               | Specifications                                                                                                                                                                                                                               |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Latrepirdine dihydrochloride is a neuroactive compound with antagonist activity at histaminergic, α-adrenergic, and serotonergic receptors. Latrepirdine stimulates amyloid precursor protein (APP) catabolism and amyloid-β (Aβ) secretion. |
| Form                | powder                                                                                                                                                                                                                                       |
| Color               | white to off-white                                                                                                                                                                                                                           |
| Purity              | >98%                                                                                                                                                                                                                                         |
| General tips        | For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.                                                                                     |
| Solubility          | DMSO 5 mg/mL; Water 60 mg/mL                                                                                                                                                                                                                 |
| <a href="#">NMR</a> | Pass test                                                                                                                                                                                                                                    |

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