[ **Product Information** ]

**Name:** Lycorine chloride  
**Catalog No.:** CFN99730  
**Cas No.:** 18797-80-3  
**Purity:** >=98%  
**M.F:** C_{16}H_{17}NO_{4}Cl  
**M.W:** 323.78  

**Physical Description:** White powder  

**Synonyms:** Lycorine hydrochloride.

[ **Intended Use** ]

1. Reference standards;  
2. Pharmacological research;  
3. Cosmetic research;  
4. Synthetic precursor compounds;  
5. Intermediates & Fine Chemicals;  
6. Others.

[ **Source** ]

The bulbus of *Lycoris radiata* (L. *Herit.*) Herb.

[ **Biological Activity or Inhibitors** ]
Lycorine hydrochloride inhibits melanoma C8161 cell-dominant vasculogenic mimicry by reducing VE-cadherin gene expression and diminishing cell surface exposure of the protein.[1]

Lycorine hydrochloride selectively inhibits ovarian cancer cell proliferation and neovascularization and is a potential drug candidate for anti-ovarian cancer therapy.[2]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][3]
Mobile phase: (10 mM NH₄HCO₃-Methanol=97.5:2.5)-(10 mM NH₄HCO₃-Methanol=2.5:97.5), gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wavelength of determination: 280 nm.

[ Storage ]
2-8℃, Protected from air and light, refrigerate or freeze.

[ References ]

[ Contact ]
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