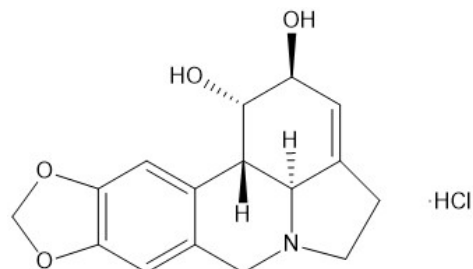


Catalog	Unit
TBI2608-10MG	10 mg
TBI2608-50MG	50 mg

Product Details

Formal Name: An alkaloid from Amaryllidaceae
Alternate Names: Galanthidine; Amarylline; Narcissine
Molecular Formula: C₁₆H₁₇NO₄ • HCl
Formula Weight: 323.80
CAS Number: 2188-68-3
Purity: >98%
Formulation: powder
Solubility: Soluble in Water (up to 15 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Applications

Protein synthesis inhibitor; SCAP degrader

Functions

Arrests cell cycle at G2/M phase and induces apoptosis in tumor cells. Inhibits human enterovirus 71 replication by blocking elongation of the viral polyprotein during translation and reduces viral cytopathic effects in mice. Dose-dependently extends the circadian period length in mammalian cells by enhancing Bmal1 transcription. Selectively inhibits human ovarian cancer cell proliferation and neovascularization (IC₅₀=1.2 μM). A potent SREBF chaperone (SCAP) degrader (K_d=15.24 nM) which acts via an autophagy-independent lysosomal pathway.

Application Procedures

First dissolved in Water (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in water may be stored at -20°C for up to 1 month.

For research use only.