

Vincristine sulfate, Microtubule depolymerizer

Catalog	Unit
TBI2570-5MG	5 mg
TBI2570-25MG	25 mg

Product Details

Formal Name: 22-Oxovincalcoloblastine sulfate

Alternate Names: Leurocristine sulfate

Molecular Formula: C₄₆H₅₆N₄O₁₀

Formula Weight: 923.06

CAS Number: 2068-78-2

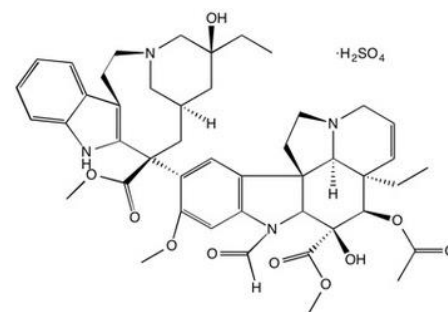
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to 80 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Microtubule depolymerizer

Functions

Arrests cell cycle at G2/M by interfering with mitotic spindle formation. Depolymerizes microtubules and blocks binding of tubulin to microtubule proteins. Induces apoptosis. Clinically useful cancer chemotherapeutic agent.

Application Procedures

First dissolved in Water (up to 80 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20° for up to 3 months.

For research use only.