

Bleomycin sulfate, Antitumor agent

Catalog	Unit
TBI2623-5MG	5 mg
TBI2623-25MG	25 mg

Product Details

Formal Name: From *Streptomyces verticillus*

Molecular Formula: C₅₅H₈₅N₁₇O₂₅S₄

Formula Weight: 1512.62

CAS Number: 9041-93-4

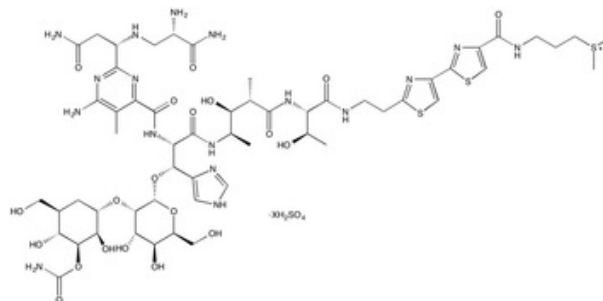
Purity: >90%

Formulation: powder

Solubility: Soluble in Water (up to 20 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Antitumor agent

Functions

Coordinates with metals producing reactive oxygen species which causes oxidative damage to DNA and RNA. Induces double-strand DNA damage. Commonly used to induce lung fibrosis in animal disease models. Anticancer agent in clinical use.

Application Procedures

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

For research use only.