

**Catalog No. 11216-054 5 mg**

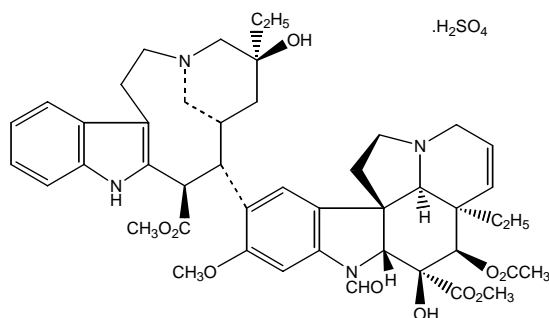
PRODUCT: Vincristine sulfate

CAS NO: 2068-78-2

CATALOG NO.: 11216-054

SIZE: 5 mg

STRUCTURE:



PHYSICAL APPEARANCE: White solid

MOLECULAR FORMULA:  $C_{46}H_{56}N_4O_{10} \cdot H_2SO_4$

MOLECULAR WEIGHT: 923.0

PURITY: 99%

SOLUBILITY: Soluble in water (25 mg/ml)

STORAGE: Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.

APPLICATION NOTES: Inhibits normal microtubule assembly and causes aberrant tubulin polymerization.<sup>1</sup> Induces apoptosis.<sup>2</sup> Cancer chemotherapeutic agent.<sup>3</sup> The product is not sterile.

- REFERENCES:
1. E.Hamel *Med.Res.Rev.* 1996 **16** 207
  2. J.Zhang *et al. Proc.Natl.Acad.Sci.USA* 1996 **93** 5325
  3. R.H.Himes *Pharmac.Ther.* 1991 **51** 257

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.