Vincristine sulfate salt

Product Number  V8879
Storage Temperature  -20 °C

Product Description
Molecular Formula:  C_{46}H_{56}N_{4}O_{10} \cdot H_{2}SO_{4}
Molecular Weight:  923.1
CAS Number:  2068-78-2
λ_{max}:  296 nm, 255 nm, 220 nm (ethanol)

Vincristine has been shown to inhibit mammary gland lactose secretion by 66% inhibition at 10^{-4} M.\textsuperscript{1}
Vincristine (Product No. V 8879), vinblastine (Product No. V 1377), and vindesine (Product No. V 8254) have been compared in the literature.\textsuperscript{2-6}

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
The product is soluble in water (50 mg/ml), yielding a clear, colorless solution. The product is also soluble in methanol (20 mg/ml), yielding a clear, colorless solution.

Vincristine is soluble 1 in 2 parts of water and 1 in 30 of chloroform, slightly soluble in alcohol, soluble in methanol, and practically insoluble in ether. A 0.1% solution in water has a pH of 3.5-4.5. Store protected from light.\textsuperscript{7}

References