

Vincristine sulfate

Catalog No: #S1270

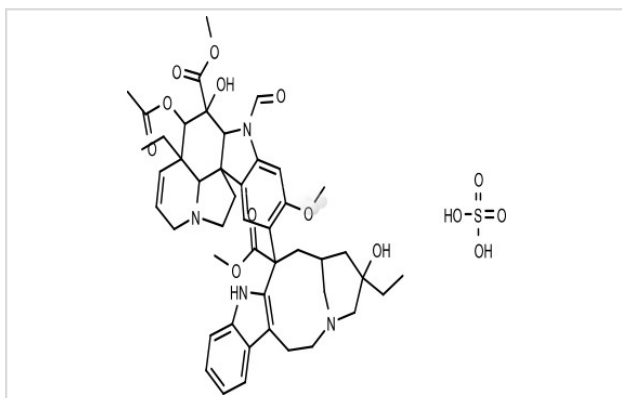
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Description

Product Name	Vincristine sulfate
Brief Description	Inhibitors
Purification	98.82%
Target Name	Microtubule Associated inhibitor
Calculated MW	923.04
Formulation	C46H58N4O14S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer
 SMILES: CC[C@@]1(C[C@@H]2C[C@@](C3=C(CCN(C2)C1)C4=CC=CC=C4N3)(C5=C(C=C6(=C5)[C@]78CCN9[C@H]7[C@@](C=CC9)([C@H]([C@@]([C@@H]8N6C=O)(C(=O)OC)O)OC(=O)C)CC)OC(=O)OC)O.OS(=O)(=O)O
 Pathways: Cytoskeletal

Signaling Receptor: microtubule
 Boiling pt: 273-281°C
 Melting pt: 300°C
 Solubility: Water: 60 mg/mL (65.0 mM); DMSO: 100 mg/mL (108.33 mM)

Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

- Jordan MA, et al. Y Res, 1985, 45(6), 2741-2747.

Note: This product is for in vitro research use only