

## Vinblastine sulfate

Catalog No: #S1668

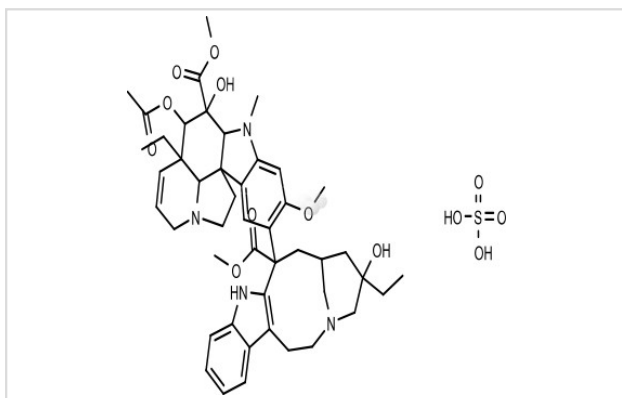
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## Description

Product Name	Vinblastine sulfate
Brief Description	Inhibitors
Purification	97.81%
Target Name	AChR inhibitor
Calculated MW	909.06
Formulation	C <sub>46</sub> H <sub>58</sub> N <sub>4</sub> O <sub>9</sub> H <sub>2</sub> SO <sub>4</sub>
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=C6C(=C5)[C@]78CCN9[C@H]7[C@@](C=CC9)([C@H]([C@@]([C@@H]8N6C)(C(=O)OC)O)OC(=O)C)CC)OC(=O)C)O.OS(=O)(=O)O  
 Pathways: Neuroscience Receptor: nAChR  
 Boiling pt: Melting pt: 267°C  
 Solubility: Soluble in DMSO  
 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

1. Gigant B, et al. Nature, 2005, 435(7041), 519-522.

Note: This product is for in vitro research use only