

Product Data Sheet

Product Name: Vindesine sulfate

Cat. No.: GC64915

Chemical Properties

Cas. No. 59917-39-4

Formula C₄₃H₅₇N₅O₁₁S

M.Wt 852

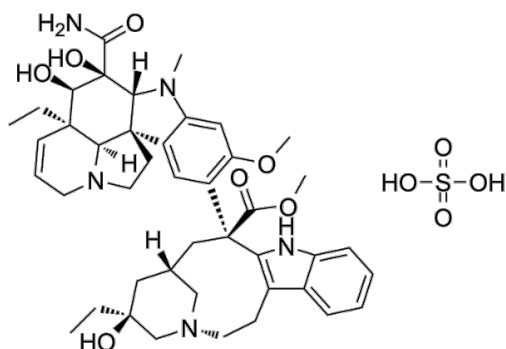
Solubility

Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Vindesine sulfate is a potent tubulin inhibitor with an K_i of 0.110 μ M. Vindesine sulfate shows anti-proliferation effect in vitro. Vindesine sulfate shows antitumor effect in vivo[1].

Vindesine sulfate inhibits L-cells growth and shows about 25% inhibition at 40 nM[1].

[1]. Jordan MA, et al. Comparison of the effects of vinblastine, vincristine, vindesine, and vinepidine on microtubule dynamics and cell proliferation in vitro. Cancer Res. 1985 Jun;45(6):2741-7.

Caution: Product has not been fully validated for medical applications. For research use only.

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