

Product Data Sheet

Product Name: CEP-11981

Cat. No.: GC73947

Chemical Properties

Cas. No. 856691-93-5

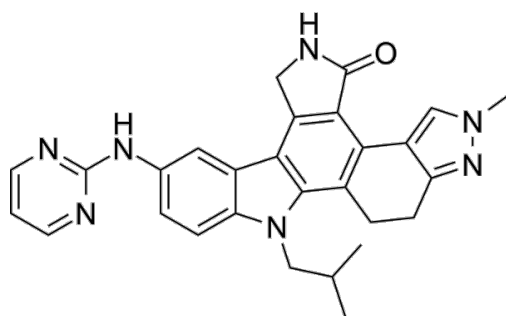
Formula $C_{28}H_{27}N_7O$ M.Wt 477.56

Solubility Storage $-20^{\circ}C$

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

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

Structure



Background

CEP-11981 (ESK981; BOL 303213X) is an orally active tyrosine kinase inhibitor (TKI), which can target TIE2, VEGFR1-3 and FGFR1, and has potential anti-tumor and anti-angiogenic effects.

CEP-11981 (1 μM , 72 h) can significantly inhibit the growth of RT4 cells[1].

CEP-11981 (2.5 mg/kg, 5 mg/kg or 10 mg/kg, oral gavage, daily, five days a week for two weeks) significantly arrested the growth of UC xenografts compared to control with no change in weight in

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

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murine xenograft model of RT4 human UC tumor[1].

References:

[1]. Weiguo Jian, et al. The angiopoietin-TIE2 pathway is a potential therapeutic target in urothelial carcinoma. Anticancer Res. 2014 Jul;34(7):3377-82.

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