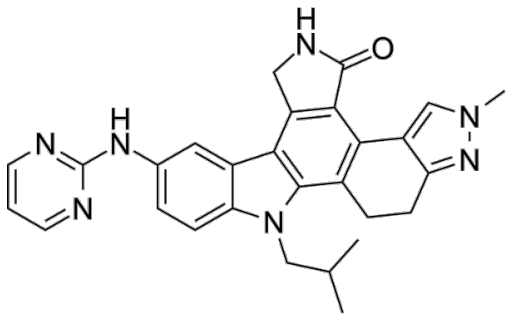
Product Data Sheet

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°C
General tips	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 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(1μM, 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 controlwith no change in weight in

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.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA