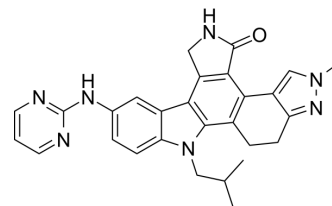


## CEP-11981

Cat. No.:	HY-16135		
CAS No.:	856691-93-5		
Molecular Formula:	C <sub>28</sub> H <sub>27</sub> N <sub>7</sub> O		
Molecular Weight:	477.56		
Target:	VEGFR; FGFR		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	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 <sup>[1]</sup> .
<b>In Vitro</b>	CEP-11981(1μM, 72 h) can significantly inhibit the growth of RT4 cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
<b>In Vivo</b>	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 murine xenograft model of RT4 human UC tumor [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Weiguo Jian, et al. The angiotensin-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.**

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