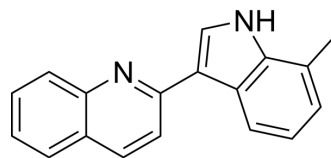


VPC-13566

Cat. No.:	HY-120018		
CAS No.:	218464-59-6		
Molecular Formula:	C ₁₈ H ₁₄ N ₂		
Molecular Weight:	258.32		
Target:	Androgen Receptor		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (387.12 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.8712 mL	19.3558 mL	38.7117 mL
5 mM	0.7742 mL	3.8712 mL	7.7423 mL
10 mM	0.3871 mL	1.9356 mL	3.8712 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

VPC-13566, a BF3-specific small molecule, is an androgen receptor (AR) inhibitor. VPC-13566 is effective in inhibiting AR transcriptional activity in vitro as well as the growth of AR-dependent PCa cell lines. VPC-13566 can be used as a chemical probe to help identify unknown AR partners. VPC-13566 can be used for the research of cancer.

REFERENCES

[1]. Lallou N, et al. Targeting Binding Function-3 of the Androgen Receptor Blocks Its Co-Chaperone Interactions, Nuclear Translocation, and Activation. Mol Cancer Ther. 2016 Dec;15(12):2936-2945.

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

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