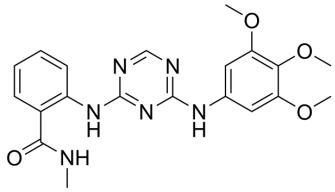
PHM16

Cat. No.:	HY-117595
CAS No.:	1448791-29-4
Molecular Formula:	$C_{20}H_{22}N_6O_4$
Molecular Weight:	410.43
Target:	FAK; FGFR; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PHM16 is an ATP competitive inhibitor of FAK and FGFR2 (IC_{50}: 0.4 μM and 0.37 μM, respectively), with direct potent anti-angiogenic activity[1].	
IC_{50} & Target	FGFR2 0.37 μM (IC_{50})	FAK 0.4 μM (IC_{50})
In Vitro	PHM16 inhibits endothelial cell viability, adherence and tube formation along with the added ability to induce endothelial cell apoptosis[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Pascal Dao, et al. Inhibition of both focal adhesion kinase and fibroblast growth factor receptor 2 pathways induces anti-tumor and anti-angiogenic activities. Cancer Lett. 2014 Jun 28;348(1-2):88-99.

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