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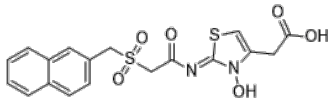
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	PHD2 inhibitor BNS
Cat. No.	:	PC-22620
CAS No.	:	1417440-37-9
Molecular Formula	:	$C_{18}H_{16}N_2O_6S_2$
Molecular Weight	:	420.45
Target	:	HIF/HIF Prolyl-hydroxylase
Solubility	:	10 mM in DMSO



CAS: 1417440-37-9

Biological Activity

PHD2 inhibitor BNS is a broad-spectrum **2OG oxygenase** inhibitor with IC50 of 0.3 uM, 0.11 uM, 3.4 uM and 0.25 uM for **FIH**, **PHD2**, aspartate/asparagine-β-hydroxylase (**AspH**) and **JMJD5**, respectively.

References

Thomas P Corner, et al. ***Chem Sci.*** 2023 Oct 27;14(43):12098-12120.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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