

Product Name	: IWP-L6
Synonyms	: IWP-L6;PORCN Inhibitor III
Cat No.	: M17292
CAS Number	: 1427782-89-5
Molecular Formula	: C ₂₅ H ₂₀ N ₄ O ₂ S ₂
Formula Weight	: 472.58
Chemical Name	: N-(5-phenyl-2-pyridinyl)-2-[(3,4,6,7-tetrahydro-4-oxo-3-phenylthieno[3,2-d]pyrimidin-2-yl)thio]-acetamide
Description	IWP-L6, also known as PORCN Inhibitor III and Wnt Pathway Inhibitor XIX, is a potent inhibitor of PORCN (EC ₅₀ = 0.5 nM). Porcupine is a member of the membrane-bound O-acyltransferase family of proteins. It catalyzes the palmitoylation of Wnt proteins, a process required for their secretion and activity.
Pathway	: Others
Target	: Other Targets
Receptor	: Porcn
Solubility	: DMSO : 1.43 mg/mL 3.03 mM;
SMILES	: <chem>O=C(CSc1nc2c(SCC2)c(=O)n1c1cccc1)Nc1ncc(cc1)c1cccc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Wang X, et al. J Med Chem. 2013, 56(6), 2700-2704.