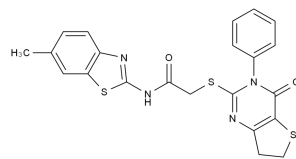


Product Name	: IWP-2
Synonyms	: Inhibitor of Wnt Production-2
Cat No.	: M15624
CAS Number	: 686770-61-6
Molecular Formula	: C ₂₂ H ₁₈ N ₄ O ₂ S ₃
Formula Weight	: 466.60
Chemical Name	: N-(6-Methyl-2-benzothiazolyl)-2-[(3,4,6,7-tetrahydro-4-oxo-3-phenylthieno[3,2-d]pyrimidin-2-yl)thio]-acetamide
Description	: IWP-2 is an inhibitor of Wnt processing and secretion with IC ₅₀ of 27 nM in a cell-free assay, selective blockage of Porcn-mediated Wnt palmitoylation, does not affect Wnt/β-catenin in general and displays no effect against Wnt-stimulated cellular responses.
Pathway	: Wnt/Notch/Hedgehog
Target	: Wnt/beta/catenin
Receptor	: Wnt
Solubility	: DMF: 22 mg/mL warming (47.14 mM); DMSO: 4 mg/mL warming (8.57 mM)
SMILES	: <chem>O=C(NC1=NC2=CC=C(C)C=C2S1)CSC3=NC(CCS4)=C4C(N3C5=CC=CC=C5)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Chen B, et al. nat Chem Biol, 2009, 5(2), 100-107.