

## IWP-2

Cat. No. CEI-0595

Lot. No. (See product label)

### Introduction

#### Description

Cell-permeable. Acts as an inhibitor of Wnt secretion and processing. It blocks Wnt-dependent signaling ( $IC_{50} = 27 \text{ nM}$ ) by inhibition of the O-acyltransferase Porcn. Porcn is a member of the membrane-bound O-acyltransferase (MBOAT) family, which adds a palmitoyl group to Wnt proteins that is essential to their signaling ability and is required for Wnt secretion.

### Product Information

<b>Appearance</b>	White to off-white solid
<b>CAS No.</b>	686770-61-6
<b>Molecular Formula</b>	$C_{22}H_{18}N_4O_3S_3$
<b>Chemical Name</b>	N-(6-Methyl-2-benzothiazolyl)-2-[(3,4,6,7-tetrahydro-4-oxo-3-phenylthieno[3,2-d]pyrimidin-2-yl)thio]-acetamide
<b>Molecular Weight</b>	201.25
<b>Purity</b>	>98% by TLC
<b>Targets</b>	PORCN
<b>Solubility</b>	DMSO

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack