

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 ($IC_{50} = 27$ 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

Appearance White to off-white solid

CAS No. 686770-61-6

Molecular Formula $C_{22}H_{18}N_4O_3S_3$

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

Molecular Weight 201.25

Purity >98% by TLC

Targets PORCN

Solubility DMSO

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack