

IWP-2, Porcn inhibitor; Wnt/b-catenin pathway inhibitor

Catalog	Unit
TBI1308-5MG	5 mg
TBI1308-25MG	25 mg

Product Details

Formal 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 Formula: C₂₂H₁₈N₄O₂S₃

Formula Weight: 466.61

CAS Number: 686770-61-6

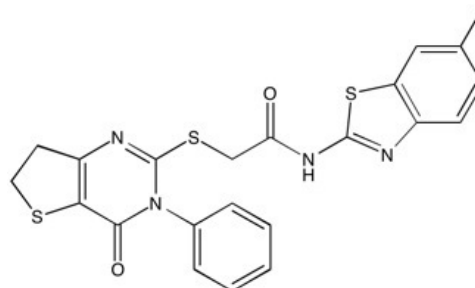
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml, with warming).

Storage: -20°C

Stability: ≥ 2 years.

**Applications**

Porcn inhibitor; Wnt/b-catenin pathway inhibitor

Functions

IWP-2 is an inhibitor of Wnt secretion and processing. It blocks Wnt-dependent signaling (IC₅₀=27nM) by inhibition of the O-acyltransferase Porcn. Induces cardiomyocyte differentiation from human pluripotent stem cells. An important tool to probe the involvement of the Wnt pathway in physiological processes. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml, with warming), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 2 months.

For research use only.