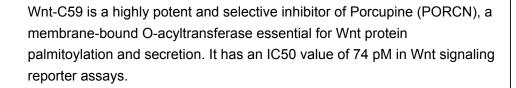
Wnt-C59

PORCN inhibitor



Key features and applications include:

- Cancer Research: Wnt-C59 is used to study the inhibition of Wnt signaling pathways, which are crucial in the development and progression of various cancers. It has been shown to block the growth of Wnt-driven mammary tumors in animal models.
- Stem Cell Research: This compound is employed to induce differentiation of human induced pluripotent stem cells (iPSCs) into cardiomyocytes and neural cells.
- **Developmental Biology:** Wnt-C59 is utilized to investigate the roles of Wnt signaling in embryonic development and tissue regeneration.

Relevant disease states include:

- Cancer: Wnt-C59 has shown potential in inhibiting the growth of various cancers by blocking Wnt signaling, which is often upregulated in tumors.
- Neurodegenerative Diseases: It is used in research to study its
 effects on neural differentiation, which can be relevant for conditions
 like Alzheimer's and Parkinson's diseases.
- **Developmental Disorders:** Wnt-C59 is studied for its role in inhibiting embryonic development processes, which can be relevant in understanding certain developmental disorders.

Ordering Information

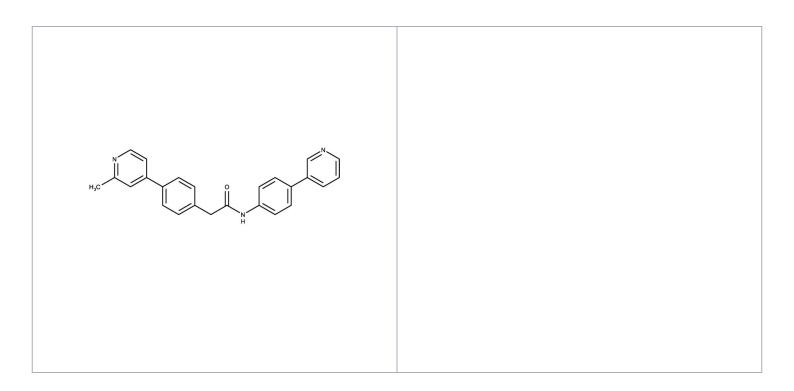
Order Online »

ENZ-CHM345-0025 25mg

Manuals, SDS & CofA

View Online »

GMP format available



Handling & Storage

Use/Stability As indicated on product label or CoA when stored as recommended. Solutions in DMSO

or ethanol may be stored at -20°C for up to 1 month.

Handling Keep container tightly closed in a dry and well-ventilated place.

Short Term Storage -20°C

Long Term Storage -20°C

Shipping Ambient Temperature

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name 4-(2-Methyl-4-pyridinyl)-N-[4-(3-

pyridinyl)phenyl]benzeneacetamide, C59

Appearance Tan solid.

CAS 1243243-89-1

Couple Target Palmitoyltransferase

Couple Type Inhibitor

Formula $C_{25}H_{21}N_3O$

Identity Determined by NMR.

MW 379.46

Purity ≥98% (HPLC)

Soluble in DMSO (up to 7 mg/ml) or in ethanol (up to 6

mg/ml).



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