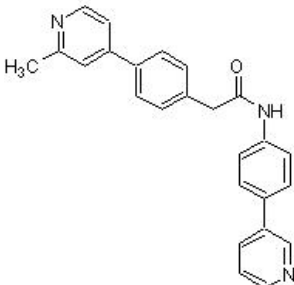


## Product datasheet

# C59, Wnt Antagonist, Wnt signaling pathway inhibitor ab142216

[17 References](#)   [1 Image](#)

### Overview

<b>Product name</b>	C59, Wnt Antagonist, Wnt signaling pathway inhibitor
<b>Description</b>	Potent, cell-permeable Wnt signaling pathway inhibitor
<b>Biological description</b>	Potent Wnt signaling pathway inhibitor. Inhibits porcupine (PORCN) required for Wnt palmitoylation, secretion, and biological activity. Inhibits Wnt-mediated transcription ( $IC_{50}$ = 74 pM) and cell proliferation. Active <i>in vivo</i> .
<b>Purity</b>	> 97%
<b>CAS Number</b>	1243243-89-1
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	2-[4-(2-Methylpyridin-4-yl)phenyl]-N-[4-(pyridin-3-yl)phenyl]acetamide
<b>Molecular weight</b>	379.45
<b>Molecular formula</b>	C <sub>25</sub> H <sub>21</sub> N <sub>3</sub> O
<b>PubChem identifier</b>	57519544
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

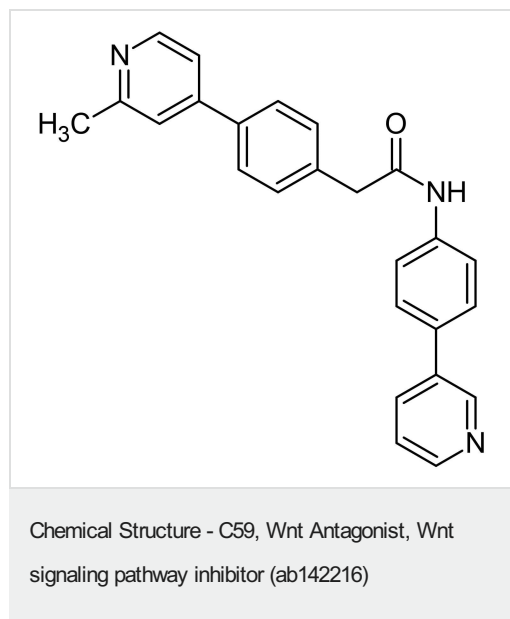
#### SMILES

C1C2C(C2C3=C(N1CC4=CC=CC=C4)N=C5C=CC=CN5C3=O)C6=CC=CC=C6

#### Source

Synthetic

#### Images



2D chemical structure image of ab142216, C59, Wnt Antagonist, Wnt signaling pathway inhibitor

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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