

Product datasheet

C59, Wnt Antagonist, Wnt signaling pathway inhibitor ab142216

[17 References](#) [1 Image](#)

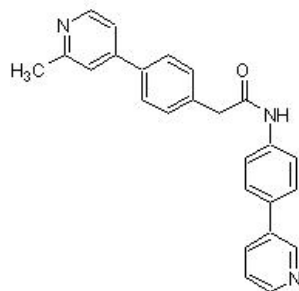
Overview

Product name	C59, Wnt Antagonist, Wnt signaling pathway inhibitor
Description	Potent, cell-permeable Wnt signaling pathway inhibitor
Biological description	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> .

Purity > 97%

CAS Number 1243243-89-1

Chemical structure



Properties

Chemical name	2-[4-(2-Methylpyridin-4-yl)phenyl]-N-[4-(pyridin-3-yl)phenyl]acetamide
Molecular weight	379.45
Molecular formula	C ₂₅ H ₂₁ N ₃ O
PubChem identifier	57519544
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	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.

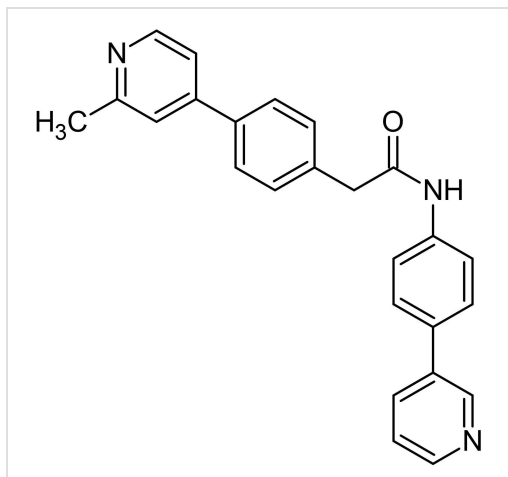
SMILES

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

Chemical Structure - C59, Wnt Antagonist, Wnt signaling pathway inhibitor (ab142216)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team