

### WIKI4, Wnt/ beta catenin inhibitor ab147053

#### 概述

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产品名称	WIKI4, Wnt/ beta catenin抑制剂
描述	Potent Wnt/ beta catenin抑制剂
生物学描述	WIKI-4 is a potent inhibitor of Wnt/ $\beta$ -catenin signaling $EC_{50} \sim 75$ nM (in all cell lines tested including DLD1 colorectal cancer cells, NALM6 B cells, U-2 OS osteosarcoma cells, and hESCs); inhibits auto-ADP-ribosylation of tankyrase 2 (TNKS2) ( $IC_{50} \sim 15$ nM). Also a potent and selective inhibitor of TNKS1 and TNKS2 ( $IC_{50}$ s = 26 and 15 nM, respectively). It has little or no effect on related polymerases or transferases at 10 $\mu$ M. Through its effects on TNKS2, WIKI4 prevents AXIN ubiquitinylation and degradation, blocking signaling through the Wnt/ $\beta$ -catenin pathway. WIKI4 inhibits the expression of $\beta$ -catenin target genes and cellular responses to Wnt/ $\beta$ -catenin signaling in both cancer cell lines and embryonic stem cells
纯度	> 98%
常规说明	This product is manufactured by BioVision, an Abcam company and was previously called B1630 WIKI-4. B1630-25 is the same size as the 25 mg size of ab147053. Protect from air and light.
CAS编号	838818-26-1

#### 性能

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化学名称	1-[(1S)-1-(4-Chloro-3-fluorophenyl)-2-hydroxyethyl]-4-[2-[(2-methylpyrazol-3-yl)amino]pyrimidin-4-yl]pyridin-2-one
分子量	521.59
分子式	$C_{29}H_{23}N_5O_3S$
PubChem识别号	2984337
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Store In the Dark. Store under desiccating conditions.
溶解度概述	Soluble in DMSO to 20 mM
处理	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**

COC1=CC=C(C=C1)N2C(=NN=C2SCCCN3C(=O)C4=CC=CC5=C4C(=CC=C5)C3=O)C6=CC=NC=C6

**来源**

Synthetic

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

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**Terms and conditions**

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- 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