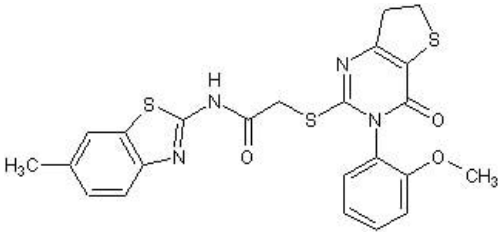


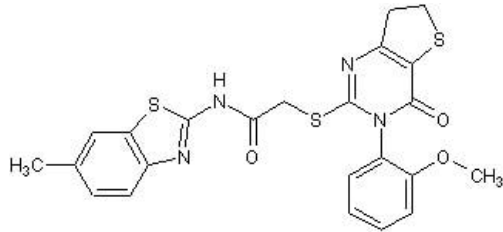
## Product datasheet

### IWP-4 ab278076

#### 3 References

#### Overview

<b>Product name</b>	IWP-4
<b>Description</b>	Potent inhibitor of Wnt
<b>Biological description</b>	Potent inhibitor of Wnt pathway regulatory protein porcupine (Porcn). Blocks Wnt protein secretion and prevents the canonical and non-canonical signaling pathways. Blocks palmitylation, and subsequent secretion and activity of Wnt. Induces differentiation of cardiomyocytes from human ESCs and iPSCs.
<b>Purity</b>	> 98%
<b>General notes</b>	For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.
<b>CAS Number</b>	686772-17-8
<b>Chemical structure</b>	



#### Properties

<b>Chemical name</b>	N-(6-Methyl-2-benzothiazolyl)-2-[[[3,4,6,7-tetrahydro-3-(2-methoxyphenyl)-4-oxothieno[3,2-d]pyrimidin-2-yl]thio]acetamide
<b>Molecular weight</b>	496.62
<b>Molecular formula</b>	C <sub>23</sub> H <sub>20</sub> N <sub>4</sub> O <sub>3</sub> S <sub>3</sub>
<b>PubChem identifier</b>	2155264
<b>Storage instructions</b>	Shipped at room temperature. Store at -20°C.
<b>Solubility overview</b>	Soluble in DMSO to 1 mM
<b>Handling</b>	Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

**SMILES**CC1=CC2=C(C=C1)N=C(S2)NC(=O)CSC3=NC4=C(C(=O)N3C5=CC=CC=C5OC)SCC4**Source**

Synthetic

**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