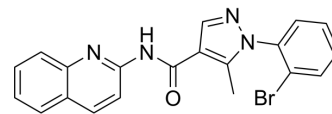


## YW2065

Cat. No.:	HY-141543
CAS No.:	2131223-85-1
Molecular Formula:	C <sub>20</sub> H <sub>15</sub> BrN <sub>4</sub> O
Molecular Weight:	407.26
Target:	β-catenin
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

YW2065 is an Axin-1 stabilizer. Axin-1 is a scaffolding protein that regulates proteasome degradation of β-catenin. YW2065 exhibits anti-colorectal cancer effects via dual activities of wnt/β-catenin signaling inhibition and AMPK activation<sup>[1]</sup>.

### REFERENCES

[1]. Yang W, et, al. Pyrazole-4-Carboxamide (YW2065): A Therapeutic Candidate for Colorectal Cancer via Dual Activities of Wnt/β-Catenin Signaling Inhibition and AMP-Activated Protein Kinase (AMPK) Activation. J Med Chem. 2019 Dec 26;62(24):11151-11164.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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