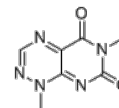


Product Name : PKF118-310
Cat. No. : PC-61786
CAS No. : 84-82-2
Molecular Formula : C₇H₇N₅O₂
Molecular Weight : 193.16
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

Toxoflavin (PKF118-310) is a novel small molecule inhibitor of **Wnt/beta-catenin** signaling that selectively disrupts **β-catenin/Tcf4** interaction and inhibits its transcriptional activity.

Toxoflavin (PKF118-310) produces in vitro antitumor activity in a panel of cancer cell.

Toxoflavin (PKF118-310) reduces β-catenin nuclear localization and induces apoptosis, and inhibits expression of Tcf4 responsive genes.

References

Lu W, et al. *Eur J Pharmacol.* 2009 Jan 5;602(1):8-14.

Martinez-Font E, et al. *Mol Cancer Ther.* 2017 Jun;16(6):1166-1176.

Franci G, et al. *Epigenetics.* 2017 Mar 4;12(3):198-205.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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