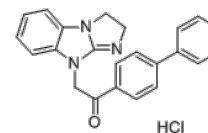


**Product Name** : CCT-031374 hydrobromide  
**Cat. No.** : PC-61321  
**CAS No.** : 1219184-91-4  
**Molecular Formula** : C<sub>23</sub>H<sub>19</sub>N<sub>3</sub>O.HBr  
**Molecular Weight** : 434.33  
**Target** : Beta-catenin  
**Solubility** : 10 mM in DMSO



## Biological Activity

CCT031374 hydrobromide is a novel small-molecule Wnt signaling inhibitor that inhibits TCF-dependent transcription with IC<sub>50</sub> of 6.1 μM in 7dF3 reporter assay.

CCT-031374 hydrobromide promotes β-catenin degradation and lowers β-catenin levels in mouse L-cells, blocks the growth of a number of cancer cell lines including SW480 colon cancer cells (IC<sub>50</sub>=13.2 μM).

CCT-031374 hydrobromide blocks free β-catenin levels in BIO-stimulated HEK293 cells.

## References

Ewan K, et al. *Cancer Res.* 2010 Jul 15;70(14):5963-73.

Yang Y, et al. *Neuroscience.* 2013 Sep 17;248:383-91.

Liu B, et al. *Int J Mol Med.* 2015 Dec;36(6):1572-82.

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

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