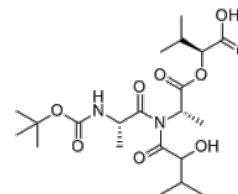


Product Name : NSC 668036
Cat. No. : PC-61785
CAS No. : 144678-63-7
Molecular Formula : C₂₁H₃₆N₂O₉
Molecular Weight : 460.52
Target : Dishevelled
Solubility : 10 mM in DMSO



Biological Activity

NSC 668036 is a specific inhibitor of the **Dishevelled** (Dvl) PDZ domain, extremely weakly binds to PSD-95, PSD95, and PDZ7 domain of GRIP.

NSC 668036 inhibits the signaling induced by Wnt3A and blocks Wnt signaling by interrupting the Fz-Dvl interaction. NSC 668036 suppresses β -catenin-driven gene transcription and abolishes TGF- β 1-induced migration, expression of collagen I and α -SMA in fibroblasts.

NSC 668036 depresses fibrotic process in vivo.

References

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Wang C, et al. *Exp Cell Res*. 2015 Feb 1;331(1):115-22.

Chen X, et al. *J Mol Model*. 2009 Jan;15(1):91-6.

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

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