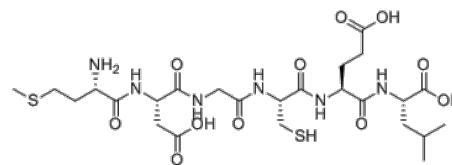


**Product Name** : Box5  
**Cat. No.** : PC-35020  
**CAS No.** : 1206604-29-6  
**Molecular Formula** : C<sub>30</sub>H<sub>50</sub>N<sub>6</sub>O<sub>13</sub>S<sub>2</sub>  
**Molecular Weight** : 766.88  
**Target** : Wnt  
**Solubility** : 10 mM in DMSO



## Biological Activity

Box5 is a Wnt5a-derived N-butyloxycarbonyl hexapeptide (t-Boc-Met-Asp-Gly-Cys-Glu-Leu), acts as an **Wnt5a** antagonist. Box5 abolishes exogenous Wnt5a stimulation of A2058 cells increased adhesion, migration and invasion, all crucial components of tumor metastasis.

Box5 also inhibits the basal migration and invasion of Wnt5a-expressing HTB63 melanoma cells, antagonizes the effects of Wnt5a on melanoma cell migration and invasion by directly inhibiting Wnt5a-induced PKC and Ca(2+) signaling.

## References

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Ackers I, et al. Cardiovasc Pathol. 2018 May-Jun;34:1-8.

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

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