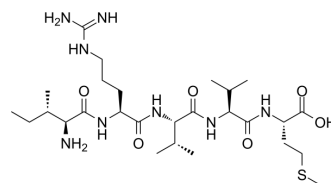


H-ILE-ARG-VAL-VAL-MET-OH

| | |
|-----------------------------|---|
| Cat. No.: | HY-P3972 |
| CAS No.: | 149234-05-9 |
| Molecular Formula: | C ₂₇ H ₅₂ N ₈ O ₆ S |
| Molecular Weight: | 616.82 |
| Sequence Shortening: | IRVVM |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | H-ILE-ARG-VAL-VAL-MET-OH is a pentapeptide from C7 with a domain that supports cell attachment. H-ILE-ARG-VAL-VAL-MET-OH is also the sequence fragment that binds to the thrombospondin-1 (TS1) receptor ^{[1][2]} . |
| IC₅₀ & Target | Thrombospondin-1 (TS1) receptor ^[2] |
| In Vitro | H-ILE-ARG-VAL-VAL-MET-OH supports adhesion of G361 melanoma, K562 erythroleukemia cells, HT1080 fibrosarcoma, C32 actinous melanoma, and endothelial cells. H-ILE-ARG-VAL-VAL-MET-OH also inhibited cell adhesion to TS1's recombinant cell binding domain (CBD) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Kosfeld MD, et al. Identification of a new cell adhesion motif in two homologous peptides from the COOH-terminal cell binding domain of human thrombospondin. *J Biol Chem.* 1993 Apr 25;268(12):8808-14.

[2]. Frazier, et al. Thrombospondin 1 subfragments that bind to thrombospondin 1 receptor and inhibit cell adhesion: United States, US5399667[P]. 1995-03-21.

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

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