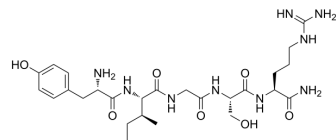


## H-Tyr-Ile-Gly-Ser-Arg-NH<sub>2</sub>

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P4651  |
| CAS No.:             | 110590-65-3   |
| Molecular Formula:   | C <sub>26</sub> H <sub>43</sub> N <sub>9</sub> O <sub>7</sub>                             |
| Molecular Weight:    | 593.68  |
| Sequence:            | H-Tyr-Ile-Gly-Ser-Arg-NH <sub>2</sub>   |
| Sequence Shortening: | YIGSR-NH <sub>2</sub>   |
| Target:              | Others  |
| Pathway:             | Others  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

H-Tyr-Ile-Gly-Ser-Arg-NH<sub>2</sub> is a hexapeptide that is an essential fragment of laminin responsible for efficient cell adhesion and receptor binding. H-Tyr-Ile-Gly-Ser-Arg-NH<sub>2</sub> promotes various epithelial cell adhesion activities<sup>[1]</sup>.

### REFERENCES

[1]. Graf J, et al. A pentapeptide from the laminin B1 chain mediates cell adhesion and binds the 67,000 laminin receptor. *Biochemistry*. 1987 Nov 3;26(22):6896-900.

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

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