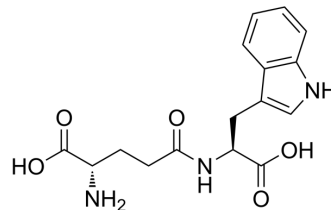


## Bestim

Cat. No.:	HY-122357
CAS No.:	66471-20-3
Molecular Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	333.34
Sequence:	{γGlu}-Trp
Sequence Shortening:	{γGlu}-W
Target:	Adenylate Cyclase
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Bestim is a dipeptide, which exhibits high affinity to murine peritoneal macrophages, thymocytes, and plasma membranes isolated from these cells, with  $K_d$ s of 3.1, 2.1, 18.6 and 16.7 nM, respectively. Bestim inhibits adenylate cyclase in the membranes of murine macrophages and thymocytes. Bestim exhibits immunomodulatory efficacy<sup>[1]</sup>.

### REFERENCES

[1]. Kolobov AA, et al., Interaction of the synthetic immunomodulatory dipeptide bestim with murine macrophages and thymocytes. *Bioorg Khim.* 2008 Jan-Feb;34(1):43-9. Russian.

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

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