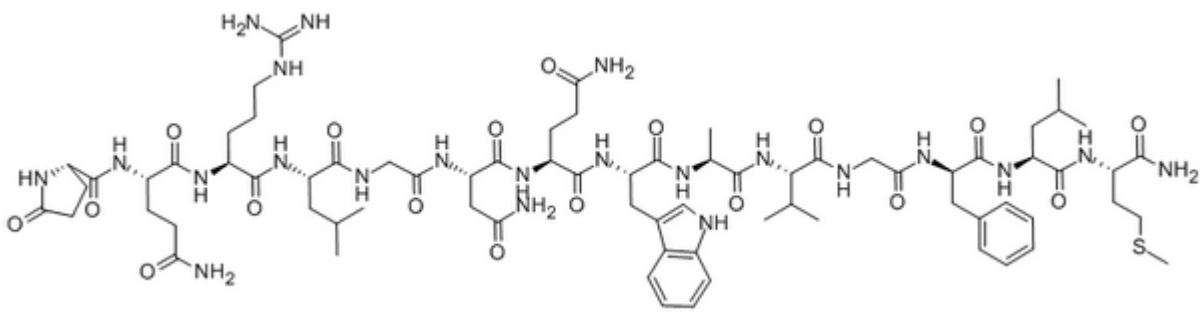


## [D-Phe12]-Bombesin

| Catalog #                     | Source   | Reactivity | Applications |
|-------------------------------|--|------------|--------------|
| CCP1706                       | Synthetic  |            |              |
| <b>Description</b>            | Peptide to [D-Phe12]-Bombesin  |            |              |
| <b>Biological Description</b> | This bombesin receptor antagonist interacts only with the bombesin receptor. Because of this specificity, [D-Phe12]-Bombesin may be useful for defining the role of bombesin in various physiological or pathological processes. |            |              |
| <b>Form</b>                   | Lyophilized powder   |            |              |
| <b>CAS Number</b>             | 108437-87-2  |            |              |
| <b>Molecular Formula</b>      | C74H112N22O18S   |            |              |
| <b>Molecular Weight</b>       | 1629.93  |            |              |
| <b>Purity</b>                 | > 95%  |            |              |
| <b>Chemical Structure</b>     | Pyr - Gln - Arg - Leu - Gly - Asn - Gln - Trp - Ala - Val - Gly - D - Phe - Leu - Met - NH <sub>2</sub>  |            |              |
| <b>Storage/Stability</b>      | Shipped at 4°C. Store at -20°C for one year.   |            |              |
| <b>Structure</b>              |    |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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