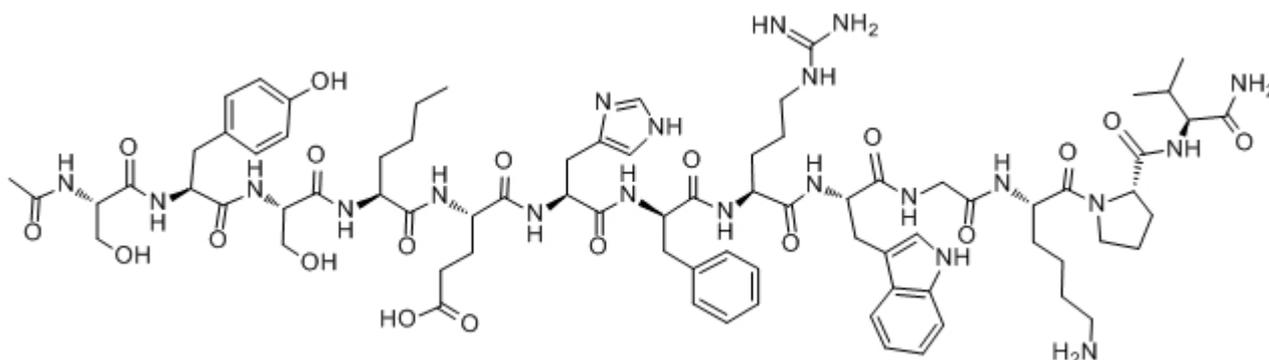


Melanotan-1

| Catalog # | Source | Reactivity | Applications |
|-------------------------------|---|------------|--------------|
| CCP1316 | Synthetic | | |
| Description | Peptide to Melanotan-1 | | |
| Biological Description | Afamelanotide, a synthetic analog of α -MSH which shows prolonged biological activity and is 26 times more active than α -MSH in the adenylate cyclase assay. | | |
| Form | Lyophilized powder | | |
| CAS Number | 75921-69-6 | | |
| Molecular Formula | C78H111N21O19 | | |
| Molecular Weight | 1646.9 | | |
| Purity | > 95% | | |
| Chemical Structure | Ac - Ser - Tyr - Ser - Nle - Glu - His - D - Phe - Arg - Trp - Gly - Lys - Pro - Val - NH2 | | |
| Storage/Stability | Shipped at 4°C. Store at -20°C for one year. | | |

Structure



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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