

## [Phe13, Tyr19]-MCH (Human, Mouse, Rat)

Catalog #	Source	Reactivity	Applications
CCP1489	Synthetic		
<b>Description</b>	Peptide to [Phe13, Tyr19]-MCH (Human, Mouse, Rat)		
<b>Biological Description</b>	This derivative suitable for iodination is a further development of natural MCH, which loses its activity upon iodination. The labeled compound enabled to establish the first radioreceptor assay for MCH. Saturation binding experiments with this peptide, radioiodinated, revealed a Bmax of 1090 and a Kd of $1 \cdot 10^{-10}$ M for receptors in G4F-7 mouse melanoma cells.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	160201-86-5		
<b>Molecular Formula</b>	C109H160N30O26S4		
<b>Molecular Weight</b>	2434.93		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Asp - Phe - Asp - Met - Leu - Arg - Cys - Met - Leu - Gly - Arg - Val - Phe - Arg - Pro - Cys - Trp - Gln - Tyr (Disulfide bridge Cys7 - Cys16)		
<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

### COHESION BIOSCIENCES LIMITED

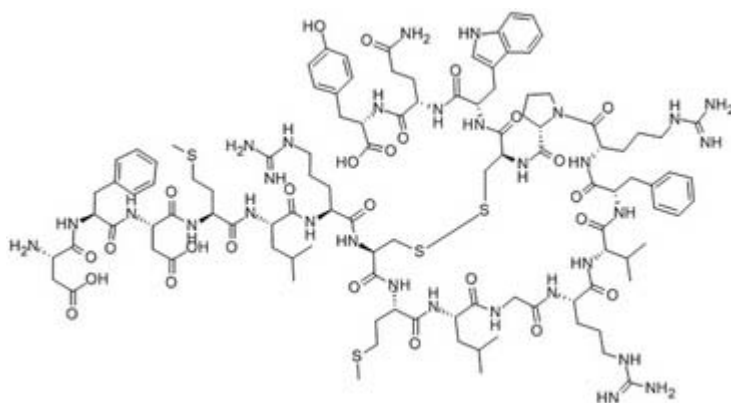
**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)

# Product Data Sheet



**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

## COHESION BIOSCIENCES LIMITED

**WEB**

[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**

[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**

[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**

[custom@cohesionbio.com](mailto:custom@cohesionbio.com)