

(Phe13,Tyr19)-MCH (human, mouse, rat)

Cat. No.:	HY-P4680
CAS No.:	160201-86-5
Molecular Formula:	C ₁₀₉ H ₁₆₀ N ₃₀ O ₂₆ S ₄
Molecular Weight:	2434.88
Sequence:	Asp-Phe-Asp-Met-Leu-Arg-Cys-Met-Leu-Gly-Arg-Val-Phe-Arg-Pro-Cys-Trp-Gln-Tyr (Disulfide bridge: Cys7-Cys16)
Sequence Shortening:	DFDMLRCMLGRVFRPCWQY (Disulfide bridge: Cys7-Cys16)
Target:	MCHR1 (GPR24)
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	(Phe13,Tyr19)-MCH (human, mouse, rat) is a potent SLC-1 and S643b receptor ligand. (Phe13,Tyr19)-MCH (human, mouse, rat) can be used as an agonist for SLC-1 and S643b receptor ^[1] .
IC ₅₀ & Target	SLC-1/S643b ^[1]

REFERENCES

[1]. Rodriguez M, et al. Cloning and molecular characterization of the novel human melanin-concentrating hormone receptor MCH2. Mol Pharmacol. 2001 Oct;60(4):632-9.

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

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