

MSG606

Cat. No.:	HY-P1726	
CAS No.:	1416983-77-1	
Molecular Formula:	C ₆₂ H ₈₂ N ₂₀ O ₁₃ S	
Molecular Weight:	1347.51	{Bua}GH-{d-Phe}-R-{d-Trp}-CDRFG-NH ₂ (Carba sulfide bridge:Bua ₁ -Cys ₇)
Sequence Shortening:	{Bua}GH-{d-Phe}-R-{d-Trp}-CDRFG-NH ₂ (Carba sulfide bridge:Bua ₁ -Cys ₇)	
Target:	Melanocortin Receptor	
Pathway:	GPCR/G Protein; Neuronal Signaling	
Storage:	Sealed storage, away from moisture and light, under nitrogen	
	Powder -80°C 2 years	
	-20°C 1 year	
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)	

BIOLOGICAL ACTIVITY

Description	MSG606 is a selective MC1R (melanocortin 1 receptor) antagonist and can be used for the research of neuroprotective effects [1].
IC ₅₀ & Target	MC1R ^[1]

REFERENCES

[1]. Xu W, et al. Activation of Melanocortin 1 Receptor Attenuates Early Brain Injury in a Rat Model of Subarachnoid Hemorrhage via the Suppression of Neuroinflammation through AMPK/TBK1/NF-κB Pathway in Rats. *Neurotherapeutics*. 2020;17(1):294-308

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

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