

Product Data Sheet

Cas No.:		Cat. No:	PL05863
Product Name:	β-Melanocyte Stimulating Hormone (MSH), human TFA		
Product synonym:	-		
Chemical name:	β-Melanocyte Stimulating Hormone (MSH), human TFA		
MF:	-	FW:	-
Purity:	≥99%	Batch No.:	-
Storage:			
λmax:	-	Formulation:	-
Solubility :	-		
SMILES :	-		
InChI Code:	-		
InChI Key:	-		
WARNING This product is not for human or veterinary use.			

Product Description

β -Melanocyte Stimulating Hormone (MSH), human TFA, 是一个 22 肽，是一种内源性黑皮质素-4 受体 (melanocortin-4 receptor; MC4-R) 激动剂。

生物活性	β -Melanocyte Stimulating Hormone (MSH), human TFA, a 22-residue peptide, acts as an endogenous melanocortin-4 receptor (MC4-R) agonist.
IC50 & Target[1][2]	Melanocortin-4 receptor (MC4-R)
体外研究(In Vitro)	β -Melanocyte Stimulating Hormone (MSH), human (β -MSH) has high affinity at both human MC4-R transfected into CHO cells ($K_i=11.4\pm 0.4$ nM) and MC4-R in rat hypothalamic homogenates ($K_i=5.0\pm 0.4$ nM). has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Sealed storage, away from moisture and light Powder -80°C 2 years; -20°C 1 year
溶解度数据	In Vitro: H_2O : 100 mg/mL (36.04 mM; Need ultrasonic) 配制储备液