

Product Name	: Adrenocorticotrophic Hormone (ACTH) (4-10) TFA(4037-01-8(free base))
Synonyms	: Acth (4-10)
Cat No.	: M22783
CAS Number	:
Molecular Formula	: C44H59N13O10S
Formula Weight	: 962.09
Chemical Name	: —
Description	: Adrenocorticotrophic Hormone (ACTH) (4-10) is an agonist of potent melanocortin(MC4R) receptor .In humans, Adrenocorticotrophic Hormone (ACTH) (4-10)enters the cerebral fluid compartment after intranasal application and leads to adecrease in total body fat after 6 weeks of continuous treatment.
Pathway	: Others
Target	: Other Targets
Receptor	: melanocortin(MC4R)
Solubility	: —
SMILES	: <chem>OC(=O)C(F)(F)F.CSCC[C@@H](N)C(=O)N[C@@H](CCC(=O)O)C(=O)N[C@@H](Cc1cnc[nH]1)C(=O)N[C@@H](Cc1cccc1)C(=O)N[C@@H](CCCNC(N)=N)C(=O)N[C@@H](Cc1c[nH]c2cccc12)C(=O)NCC(=O)O</chem>
Storage	: (-20℃)
Stability	: ≥ 2 years
Reference	:

1. P Wellhner, R Hrster, Jacobs F , et al. Intranasal application of the melanocortin 4 receptor agonist MSH/ACTH(4-10) in humans causes lipolysis in white adipose tissue.[J]. International Journal of Obesity, 2012, 36(5):703.