



>>Entry Name: Seractide, BAN, INN

CAS Registry Number: 63304-56-3

Related CAS Registry Numbers(s): 12279-41-3

H-¹Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asp-Ala-Gly-Glu-Asp-Gln-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-³⁹
PheOH

Molecular Formula: C₂₀₇H₃₀₈N₅₆O₅₈S

Molecular Weight: 4541.117

Accurate Mass: 4538.259384

Percentage Composition: C 54.75%; H 6.84%; N 17.27%; O 20.43%; S 0.71%

Source/Synthesis: Synthetic corticotrophic peptide used clinically, differing from human Corticotropin in residues 25-27 and 30

Other Data: See also Corticotrophin [BDR54-D](#)

>>Derivative: Ac

Synonym(s): Seractide acetate, USAN. Syn-Acthar. Acthar Gel Synthetic. Actuman

CAS Registry Number: 39294-79-6

Use/Importance: Synthetic ACTH preparation

References:

Modern Drug Encyclopaedia and Therapeutic Index, 16th edn., (Lewis, A.J., Ed.), Yorke Medical Books, New York, 1981, **16**, 861