



>>Entry Name: Codactide, BAN, INN

Synonym(s): 1-D-Serine-17-L-lysine-18-L-lysineamide- α^{1-18} -corticotrophin, 9Cl. Octodecactide. Ba 41795. C41795

CAS Registry Number: 22572-04-9

H-D-Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Lys-¹⁸LysNH₂

Molecular Formula: C₁₀₁H₁₅₈N₃₀O₂₃S

Molecular Weight: 2192.612

Accurate Mass: 2191.183685

Percentage Composition: C 55.33%; H 7.26%; N 19.16%; O 16.78%; S 1.46%

Source/Synthesis: Synthetic corticotrophic peptide used clinically. *In vivo* steroidogenic activity 7 x that of native ACTH

References:

Fr. Pat., 1968, 5 849; *CA*, **71**, 70935

Matsukura, S. *et al.*, *Endocrinol. Jpn.*, 1976, **23**, 91

Bennett, H.P.J. *et al.*, *J. Endocrinol.*, 1979, **82**, 33, (*metab*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 1462