

Analytical Data Sheet

Lot number

1057701

not for drug use

Catalog number

H-4718.1000

Product number

4029278.1000

Product

**(D- Ser¹) - ACTH (1- 24) (human, bovine, rat)
trifluoroacetate salt**

H- D- Ser- Tyr- Ser- Met- Glu- His- Phe- Arg- Trp- Gly-
Lys- Pro- Val- Gly- Lys- Lys- Arg- Arg- Pro- Val- Lys-
Val- Tyr- Pro- OH trifluoroacetate salt

Molecular formula

$C_{136}H_{210}N_{40}O_{31}S$

Relative molecular mass

2933.48

| Tests | Results |
|----------------------------|--|
| Appearance | white powder |
| Identification (ESI-MS) | m = 2933.5u |
| Amino acid analysis | Ser 1.95(2) Arg 3.03(3) His 1.00(1) Pro 3.19(3) Glx 1.13(1) Trp det. (1) Val 3.02(3) Gly 1.99(2) Tyr 1.98(2) Met 0.99(1) Lys 3.71(4) Phe 1.00(1) |
| Purity (HPLC) | 97.4% (TFA) 95.1% (TEAP) 98.6% (NaClO ₄) |
| Assay (elemental analysis) | 70.1% (Nth 19.10 %, Nfd 13.38 %) |
| General comment | product supplied as a trifluoroacetate salt |

Latest update: February 24, 2015

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