

## Adrenocorticotropin Hormone (ACTH) (1-39), human

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Cat. No.: HY-P1211  
CAS No.: 12279-41-3  
Batch No.: 273484  
Chemical Name:  $\alpha$ 1-39-Corticotropin (swine), 31-L-serine-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{207}H_{308}N_{56}O_{58}S$   
Molecular Weight: 4541.14  
Storage: Sealed storage, away from moisture and light, under nitrogen  
Powder            -80°C    2 years  
                      -20°C    1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

### Chemical Structure:

SYSMEFRWVGKPVGKKRRPVKVPNGAEDESAEAFFLEF

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
Purity (HPLC): 99.22%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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