

Corticotropin Releasing Factor Peptide (Ovine)

Subcategory: Synthetic Peptide

Cat. No.: 350133

Unit: 1 mg

Description:

Corticotropin releasing factor (CRF), a hormone from the hypothalamus, regulates the release of corticotropin (ACTH) and endorphin from the pituitary gland. CRF is also a neurotransmitter in the central nervous system, and is involved in autonomic and endocrine responses to stress.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Corticotropin-releasing factor; CRF; corticotropin-releasing hormone; CRH; corticoliberin; endorpholiberin

Accession No.: P01142

MW: 4370.41 g/mol

Sequence: Ovine: H-Ser-Gln-Glu-Pro-Pro-Ile-Ser-Leu-Asp-Leu-Thr-Phe-His-Leu-Leu-Arg-Glu-Val-Leu-Glu-Met-Thr-Lys-Ala-Asp-Gln-Leu-Ala-Gln-Gln-Ala-His-Ser-Asn-Arg-Lys-Leu-Leu-Asp-Ile-Ala-NH₂ or H-SQEPPISLDLTFHLLREVLEMTKADQLAQQAHSNRKLLDIA-NH₂

Composition: C₂₀₅H₃₃₉N₅₉O₆₃S

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.