
Ac-SDKP Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350461

Unit: 5 mg

Description:

The synthetic tetrapeptide Ac-SDKP (Seraspenide) is involved in angiogenesis and regulation of the immune response by blocking the proliferation of lymphocytes. Seraspenide inhibits cell cycle entry of normal hematopoietic stem cells. In mice, the tetrapeptide protects hemopoiesis against damage caused by cytarabine, cyclophosphamide and carboplatin.

Format: Each vial contains 5 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Goralitide; Seraspenide; Hematopoietic system regulatory peptide; thymosin beta-4; T beta-4; Fx; TMSB4X; TB4X, THYB4, TMSB4

Accession No.: P62328

MW: 487.51 g/mol

Sequence: Ac-Ser-Asp-Lys-Pro-OH or Ac-SDKP-OH

Composition: C₂₀H₃₃N₅O₉

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.