

Product: Thymopentin (TP-5)
Catalog #: 12-4232
Amount: 1 mg

DESCRIPTION: Thymopentin, also known as TP-5 is a synthetic derivative of thymopoietin, a thymic hormone, and has immunoregulatory properties. Thymopentin has a molecular formula of C₃₀-H₄₉-N₉-O₉, H-Arg-Lys-Asp-Val-Tyr-OH having a Mw of 679.8 dalton.

SOURCE: Synthetic peptide

PURITY: > 99%, as determined by:
(a) Analysis by RP-HPLC and anion-exchange FPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

ENDOTOXIN: < 0.1 ng/μg (IEU/μg) of Thymopentin

DIMERS & AGGREGATES: < 1% as determined by silver stained SDS-PAGE gel analysis

PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC, using a standard solution of Thymopentin as a Reference Standard

FORM: Purified, in 0.1 % BSA

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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