
Met-Enkephalin Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350272

Unit: 25 mg

Description:

Met-Enkephalin, also called opioid growth factor (OGF), is a naturally occurring endogenous opioid peptide that has opioid effects of a relatively short duration. It is one of the two forms of enkephalin with Leu-enkephalin. Enkephalins are considered the primary endogenous ligands of the delta-opioid receptor, due to their high potency and selectivity for the site over other endogenous opioids. The Met-Enkephalin Peptide competes with and mimics the effects of opiate drugs.

Format: Each vial contains 25 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Proenkephalin A; PENK; Met-enkephalin; Opioid growth factor; OGF

Accession No.: P01210

MW: 573.67 g/mol

Sequence: H-Tyr-Gly-Gly-Phe-Met-OH or H-YGGFM-OH

Composition: C₂₇H₃₅N₅O₇S

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.