
Speract Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350390

Unit: 1 mg

Description:

Speract peptide stimulates sperm respiration and motility through intracellular alkalization, transient elevations of cAMP, cGMP, and calcium levels in sperm cells, and transient activation and subsequent inactivation of the membrane form of guanylate cyclase.

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

Alternate Names: Sperm-activating peptides; Speract-like; Speract

Accession No.: P11761

MW: 891.94 g/mol

Sequence: Sea Urchin: H-Gly-Phe-Asp-Leu-Asn-Gly-Gly-Gly-Val-Gly-OH or H-GFDLNGGGVG-OH

Composition: C38H57N11O14

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.