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**Product Data Sheet**

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Product Name: Seminalplasmin Fragment (SPF) Analog

Cat. No.: GA23502

**Chemical Properties**

Cas. No. 147958-06-3

Formula  $C_{76}H_{123}N_{17}O_{16}$  M.Wt 1530.92

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

SPF, the hydrophobic 13-residue fragment (28-40) of the antimicrobial peptide seminalplasmin, possesses antibacterial and hemolytic activities. SPFK, the SPF analog in which Glu<sup>32</sup> has been replaced by Lys, exhibits potent antibacterial activity.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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