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**Product Data Sheet**

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Product Name: Substance P, Free Acid

Cat. No.: GC37699

**Chemical Properties**

Cas. No. 71977-09-8

Formula  $C_{63}H_{97}N_{17}O_{14}S$  M.Wt 1348.61

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**

Substance P, Free Acid is a native substance P analog, but shows no biological activity of substance P.

[1]. Patel AB, et al. Substance P (free acid) adopts different conformation than native peptide in DMSO, water and DPPC bilayers. J Biomol Struct Dyn. 2001 Aug;19(1):129-38.

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

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