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## Product Data Sheet

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Product Name: Substance P 1-9

Cat. No.: GC37697

### Chemical Properties

Cas. No. 57468-17-4

Formula  $C_{52}H_{77}N_{15}O_{12}$

M.Wt 1104.26

Solubility DMSO : 25 mg/mL (22.64 mM; Need ultrasonic) 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 (1-9) is nonapeptide, which decreases the inactivation of substance P by the guinea-pig ileum and urinary bladder.

Substance P (1-9) is a nonapeptide, which decreases the inactivation of substance P by the guinea-pig ileum and urinary bladder, but with no significant effects on bradykinin or SP-(6-11)[1].

[1]. Growcott JW, et al. Effects of substance P-(1-9) nonapeptide amide on inactivation of substance P in vitro. Eur J Pharmacol. 1982 Oct 15;84(1-2):107-9.

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

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