
Product Data Sheet

Product Name: Substance P (4-11)

Cat. No.: GA23517

Chemical Properties

Cas. No. 53749-60-3

Formula $C_{46}H_{67}N_{11}O_{10}S$ M.Wt 966.17

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**

The octapeptide substance P (4-11), PQQFFGLM-amide, seems to be more active than the natural peptide in various pharmacological tests in vitro and in vivo. Octa-substance P was shown to be an agonist of the NK1 receptor, IC50 15 nM.

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

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