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**Product Data Sheet**

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Product Name: [Sar9] Substance P

Cat. No.: GC35027

**Chemical Properties**

Cas. No. 77128-75-7

Formula  $C_{64}H_{100}N_{18}O_{13}S$  M.Wt 1361.66Solubility  $H_2O : \geq 50 \text{ mg/mL (36.72 mM)}$  Storage Store at  $-20^{\circ}\text{C}$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}\text{C}$  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**

[Sar9] Substance P is a potent and selective neurokinin (NK)-1 receptor agonist[1]. Neurokinin (NK)-1 receptor[1]

[1]. Lieberman DN, et al. Substance P enhances NMDA channel function in hippocampal dentate gyrus granule cells. J Neurophysiol. 1998 Jul;80(1):113-9.

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

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