

[Sar9, Met (O2) 11]-Substance P

Catalog No: tcsc7605



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 25mg



Specifications

CAS No:

110880-55-2

Formula:

$C_{64}H_{100}N_{18}O_{15}S$

Pathway:

Neuronal Signaling; GPCR/G Protein

Target:

Neurokinin Receptor; Neurokinin Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

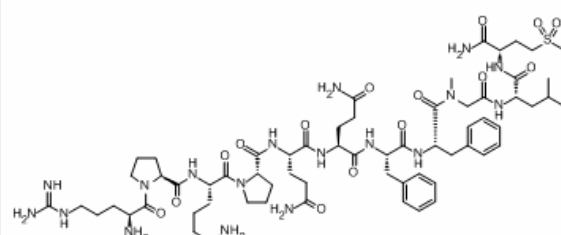
1393.66

Product Description

[Sar9, Met(O2)11]-Substance P is a **tachykinin NK₁ receptor** selective agonist.

IC50 & Target: NK₁ receptor^[1]

In Vitro: [Sar9,Met(O2)11]-Substance P and septide (10-100 pmol per rat, i.c.v.) are equipotent in increasing mean arterial blood pressure (MAP) and heart rate (HR), yet they have dissimilar time-course. Both agonists increase dose-dependently face washing and sniffing while [Sar9,Met(O2)11]-Substance P is the sole to produce grooming^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!