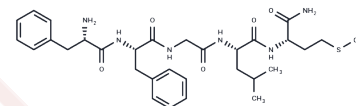


## Substance P (7-11)

## Chemical Properties

CAS No. :	51165-05-0
Formula:	C <sub>31</sub> H <sub>44</sub> N <sub>6</sub> O <sub>5</sub> S
Molecular Weight:	612.78
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Substance P (7-11) (Substance P 7-11(TFA)) is a C-terminal fragment of Substance P .
Targets(IC50)	Neurokinin receptor

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6319 mL	8.1595 mL	16.3191 mL
5 mM	0.3264 mL	1.6319 mL	3.2638 mL
10 mM	0.1632 mL	0.816 mL	1.6319 mL
50 mM	0.0326 mL	0.1632 mL	0.3264 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Halliday D A , Mcneil J D , Betts W H , et al. The substance P fragment SP-(7-11) increases prostaglandin E<sub>2</sub>, intracellular Ca<sup>2+</sup> and collagenase production in bovine articular chondrocytes.[J]. biochemical journal, 1993, 292 ( Pt 1)(1):57.

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