

## Kv3, Channel Containing Protein 567-585

## Chemical Properties

CAS No. :

Formula: C93H156N24O28S2

Molecular Weight: 2122.5

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Kv3 channel protein is expressed by parvalbumin (PV)-containing pallidal neurons. Kv3, Channel Containing Protein (567-585) corresponds to amino acids 567 to 585 fragment of the Kv3.1b channel containing protein.
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## Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4711 mL	2.3557 mL	4.7114 mL
5 mM	0.0942 mL	0.4711 mL	0.9423 mL
10 mM	0.0471 mL	0.2356 mL	0.4711 mL
50 mM	0.0094 mL	0.0471 mL	0.0942 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

Hernández-Pineda R, et al. Kv3.1-Kv3.2 channels underlie a high-voltage-activating component of the delayed rectifier K<sup>+</sup> current in projecting neurons from the globus pallidus. J Neurophysiol. 1999 Sep;82(3):1512-28.

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