

## Gap19 TFA (1507930-57-5 free base)

## Chemical Properties

CAS No. :

Formula: C57H97F3N14O15

Molecular Weight: 1275.46

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

Gap19 TFA is a peptide derived from nine amino acids of Cx43 cytoplasmic ring (CL), an effective, selective connexin 43 (Cx43) half-channel blocker.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.784 mL	3.9202 mL	7.8403 mL
5 mM	0.1568 mL	0.784 mL	1.5681 mL
10 mM	0.0784 mL	0.392 mL	0.784 mL
50 mM	0.0157 mL	0.0784 mL	0.1568 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

Boengler K, et al. Connexin 43 impacts on mitochondrial potassium uptake. Front Pharmacol. 2013 Jun 6;4:73.

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