

BDC2.5 mimotope 1040-31 TFA(329696-49-3 free base)

## Chemical Properties

CAS No. :

Formula: C<sub>65</sub>H<sub>98</sub>F<sub>3</sub>N<sub>17</sub>O<sub>16</sub>S

Molecular Weight: 1462.63

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

This is a strongly agonistic peptide (mimotope) for diabetogenic T cell clone BDC2.5.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6837 mL	3.4185 mL	6.837 mL
5 mM	0.1367 mL	0.6837 mL	1.3674 mL
10 mM	0.0684 mL	0.3418 mL	0.6837 mL
50 mM	0.0137 mL	0.0684 mL	0.1367 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

Dai YD, et al. A peptide of glutamic acid decarboxylase 65 can recruit and expand a diabetogenic T cell clone, BDC2.5, in the pancreas. J Immunol. 2005 Sep 15;175(6):3621-7.

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