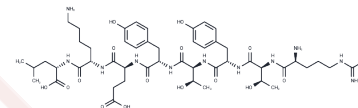


β -catenin peptide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 265669-37-2 |
| Formula: | C49H76N12O15 |
| Molecular Weight: | 1073.2 |
| 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 | β -catenin peptide, (β CATp) is a naturally occurring self-peptide presented by Kb that very efficiently mediates positive selection of the OT-I thymocytes. |
| Targets(IC50) | Wnt/beta-catenin |

Solubility Information

| | |
|------------|---|
| Solubility | H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9318 mL | 4.659 mL | 9.3179 mL |
| 5 mM | 0.1864 mL | 0.9318 mL | 1.8636 mL |
| 10 mM | 0.0932 mL | 0.4659 mL | 0.9318 mL |
| 50 mM | 0.0186 mL | 0.0932 mL | 0.1864 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

Santori FR, et al. Rare, structurally homologous self-peptides promote thymocyte positive selection. *Immunity*. 2002 Aug;17(2):131-42.

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