

## Data Sheet (Cat.No.TP1805)

### T7 Tag Peptide

#### Chemical Properties

|                   |  |
|-------------------|--|
| CAS No.:          | 245445-88-9  |
| Formula:          | C41H71N13O16S3   |
| Molecular Weight: | 1098.27  |
| Appearance:       | N/A  |
| Storage:          | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

#### Biological Description

|             |   |
|-------------|---|
| Description | The T7 tag (MASMTGGQQMG) is a peptide with 11 amino acids encoded in the leader sequence of T7 bacteriophage gene10. This gene encodes a T7 major capsid protein. |
|-------------|---|

#### Solubility Information

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

#### Preparing Stock Solutions

|       | 1mg      | 5mg      | 10mg     |
|-------|----------|----------|----------|
| 1 mM  | 0.911 mL | 4.553 mL | 9.105 mL |
| 5 mM  | 0.182 mL | 0.911 mL | 1.821 mL |
| 10 mM | 0.091 mL | 0.455 mL | 0.911 mL |
| 50 mM | 0.018 mL | 0.091 mL | 0.182 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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