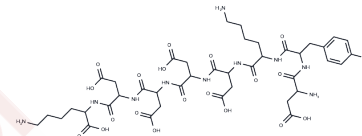


FLAG peptide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 98849-88-8 |
| Formula: | C41H60N10O20 |
| Molecular Weight: | 1012.97 |
| 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 | FLAG peptide, an eight-amino-acid sequence (Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys), includes an enterokinase-cleavage site and is utilized for the purification of recombinant proteins. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | H2O: 100 mg/mL (98.72 mM), Sonication is recommended. DMSO: 10.16 mg/mL (10.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9872 mL | 4.936 mL | 9.872 mL |
| 5 mM | 0.1974 mL | 0.9872 mL | 1.9744 mL |
| 10 mM | 0.0987 mL | 0.4936 mL | 0.9872 mL |
| 50 mM | 0.0197 mL | 0.0987 mL | 0.1974 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

Einhauer A, et al. The FLAG peptide, a versatile fusion tag for the purification of recombinant proteins. J Biochem Biophys Methods. 2001 Oct 30;49(1-3):455-65.

Chen S, Wu Y, Gao Y, et al. Allosterically inhibited PFKL via prostaglandin E2 withholds glucose metabolism and ovarian cancer invasiveness. Cell Reports. 2023, 42(10): 113246.

Zheng X, Chen J, Deng M, et al. G3BP1 and SLU7 Jointly Promote Immune Evasion by Downregulating MHC-I via PI3K/Akt Activation in Bladder Cancer. Advanced Science. 2023: 2305922.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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