

Palmitoyl dipeptide-7

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 911813-90-6 |
| Formula: | C ₂₆ H ₅₁ N ₃ O ₅ |
| Molecular Weight: | 485.7 |
| 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 | Palmitoyl dipeptide-7 is a peptide. |
|-------------|-------------------------------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0589 mL | 10.2944 mL | 20.5888 mL |
| 5 mM | 0.4118 mL | 2.0589 mL | 4.1178 mL |
| 10 mM | 0.2059 mL | 1.0294 mL | 2.0589 mL |
| 50 mM | 0.0412 mL | 0.2059 mL | 0.4118 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

- Tian S, Zhang R, Yang F, Wang T, Shen P, Tang J, Xu X, Xing L, Xu H, Su Z. [Synthesis of 4-palmitoyl-sinomenine and its anti-inflammation activity]. *Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi*. 2014 Mar;30(3):262-5. Chinese. PubMed PMID: 24606743.
- Ji Y, Bachschmid MM, Costello CE, Lin C. S- to N-Palmitoyl Transfer During Proteomic Sample Preparation. *J Am Soc Mass Spectrom*. 2016 Apr;27(4):677-85. doi: 10.1007/s13361-015-1319-3. Epub 2016 Jan 4. PubMed PMID: 26729453; PubMed Central PMCID: PMC4794353.
- Bhagavat R, Saqib A, Karigar C. Molecular docking studies of novel palmitoyl-ligands for cyclooxygenase-2. *Chem Biol Drug Des*. 2012 Jun;79(6):1043-8. doi: 10.1111/j.1747-0285.2012.01359.x. Epub 2012 Mar 16. PubMed PMID: 22339889.
- Ullah Khan I, Ayub G, Ranjha NM. Assessment of palmitoyl and sulphate conjugated glycol chitosan for development of polymeric micelles. *Bioimpacts*. 2013;3(2):97-100. doi: 10.5681/bi.2013.020. Epub 2013 Jun 8. PubMed PMID: 23878793; PubMed Central PMCID: PMC3713876.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481