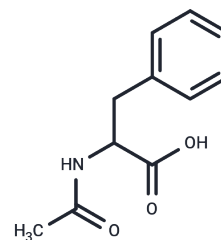


Afanine

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 2901-75-9 |
| Formula: | C ₁₁ H ₁₃ NO ₃ |
| Molecular Weight: | 207.23 |
| Storage: | Store at low temperature 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 | Afanine (N-Acetyl-DL-phenylalanine) is an amino acid derivative. |
| Targets(IC50) | Others,Amino Acids and Derivatives,Endogenous Metabolite |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 60 mg/mL (289.53 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.8256 mL | 24.1278 mL | 48.2556 mL |
| 5 mM | 0.9651 mL | 4.8256 mL | 9.6511 mL |
| 10 mM | 0.4826 mL | 2.4128 mL | 4.8256 mL |
| 50 mM | 0.0965 mL | 0.4826 mL | 0.9651 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

Tsung PK, et al. Biochim Biophys Acta. 1976 Aug 12;445(1):112-7.

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