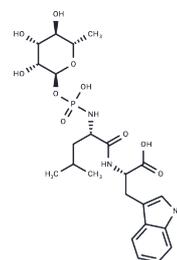


Phosphoramidon

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 36357-77-4 |
| Formula: | C ₂₃ H ₃₄ N ₃ O ₁₀ P |
| Molecular Weight: | 543.5 |
| Appearance: | no data available |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|-------------|--|
| Description | Phosphoramidon is a membrane metallo-endopeptidase & endothelin-converting enzyme inhibitor and thermolysin inhibitor, which is obtained from culture filtrate of <i>Streptomyces tanashiensis</i> . |
|-------------|--|

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8399 mL | 9.1996 mL | 18.3993 mL |
| 5 mM | 0.368 mL | 1.8399 mL | 3.6799 mL |
| 10 mM | 0.184 mL | 0.920 mL | 1.8399 mL |
| 50 mM | 0.0368 mL | 0.184 mL | 0.368 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.

Reference

Barage SH, Sonawane KD. Exploring mode of phosphoramidon and A β peptide binding to hECE-1 by molecular dynamics and docking studies. *Protein Pept Lett.* 2014;21(2):140-52. PubMed PMID: 24000822.

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