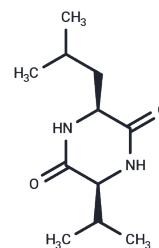


Cyclo(L-leucyl-L-valyl)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 15136-24-0 |
| Formula: | C ₁₁ H ₂₀ N ₂ O ₂ |
| Molecular Weight: | 212.289 |
| Storage: | Store at low temperature, 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 | Cyclo(L-leucyl-L-valyl) is a polymorphic compound isolated from the secondary metabolite of <i>Streptomyces quinquefasciatus</i> YIM, which has not yet shown antimicrobial activity. |
| Targets(IC50) | Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.7105 mL | 23.5527 mL | 47.1054 mL |
| 5 mM | 0.9421 mL | 4.7105 mL | 9.4211 mL |
| 10 mM | 0.4711 mL | 2.3553 mL | 4.7105 mL |
| 50 mM | 0.0942 mL | 0.4711 mL | 0.9421 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

Yan PS, et al. Cyclo(L-leucyl-L-prolyl) produced by *Achromobacter xylosoxidans* inhibits aflatoxin production by *Aspergillus parasiticus*. *Appl Environ Microbiol.* 2004 Dec;70(12):7466-73.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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