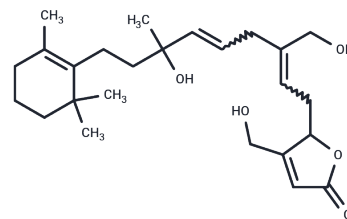


## Luffariolide G

### Chemical Properties

CAS No. : 147663-79-4  
Formula: C<sub>25</sub>H<sub>38</sub>O<sub>5</sub>  
Molecular Weight: 418.574  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| Description | Luffariolide G is a manoalide derivative isolated from the Okinawan marine sponge Luffariella. |
|-------------|------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3891 mL | 11.9454 mL | 23.8909 mL |
| 5 mM  | 0.4778 mL | 2.3891 mL  | 4.7782 mL  |
| 10 mM | 0.2389 mL | 1.1945 mL  | 2.3891 mL  |
| 50 mM | 0.0478 mL | 0.2389 mL  | 0.4778 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

Kobayashi J, Zeng CM, Ishibashi M, Sasaki T. Luffariolides F and G, new manoalide derivatives from the Okinawan marine sponge Luffariella sp. J Nat Prod. 1993 Mar;56(3):436-9. PubMed PMID: 8482949.

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