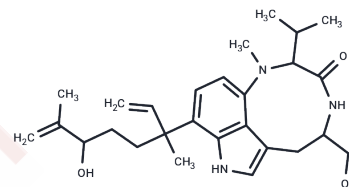


Lyngbyatoxin B

Chemical Properties

CAS No. : 133084-52-3
 Formula: C₂₇H₃₉N₃O₃
 Molecular Weight: 453.62
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | Lyngbyatoxin B is an irritant form Lyngbya majuscula. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2045 mL | 11.0224 mL | 22.0449 mL |
| 5 mM | 0.4409 mL | 2.2045 mL | 4.409 mL |
| 10 mM | 0.2204 mL | 1.1022 mL | 2.2045 mL |
| 50 mM | 0.0441 mL | 0.2204 mL | 0.4409 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

Edwards DJ, Gerwick WH. Lyngbyatoxin biosynthesis: sequence of biosynthetic gene cluster and identification of a novel aromatic prenyltransferase. *J Am Chem Soc.* 2004 Sep 22;126(37):11432-3. PubMed PMID: 15366877.
 Aimi N, Odaka H, Sakai S, Fujiki H, Suganuma M, Moore RE, Patterson GM. Lyngbyatoxins B and C, two new irritants from *Lyngbya majuscula*. *J Nat Prod.* 1990 Nov-Dec;53(6):1593-6. PubMed PMID: 2128518.

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