

Microcystin-LR

Cat. No. CEI-0631

Lot. No. (See product label)

Introduction

Description

A hepatotoxic cyclic heptapeptide toxin produced by cyanobacteria. A selective inhibitor of protein phosphatase 1 (PP1) (IC₅₀= 1.7 nM) and protein phosphatase 2A (PP2A) (IC₅₀=0.04 nM). Less sensitive to PP2B and does not inhibit PP2C up to 4 μM.

Synonyms

Cyanoginosin-LR

Product Information

Appearance

Off-white solid

CAS No.

101043-37-2

Molecular Formula

C₄₉H₇₄N₁₀O₁₂

Molecular Weight

785.78

Targets

PPP1CA

Solubility

DMSO

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack