

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