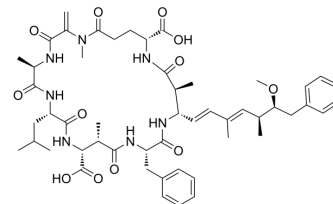


Microcystin-LF

Cat. No.:	HY-N11680
CAS No.:	154037-70-4
Molecular Formula:	C ₉₂ H ₇₁ N ₇ O ₁₂
Molecular Weight:	986.16
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Microcystin-LF is a bacterial metabolite. Microcystin-LF is a phenylalanine variant of Microcystin-LR. Microcystin-LF has cellular toxicity on Caco-2 cells^{[1][2]}.

REFERENCES

- [1]. Lawton LA, et al. Isolation and characterization of microcystins from laboratory cultures and environmental samples of *Microcystis aeruginosa* and from an associated animal toxicosis. *Nat Toxins*. 1995;3(1):50-7.
- [2]. Vesterkvist PS, et al. Comparative cellular toxicity of hydrophilic and hydrophobic microcystins on Caco-2 cells. *Toxins (Basel)*. 2012 Oct 25;4(11):1008-23.

Caution: Product has not been fully validated for medical applications. For research use only.

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