Nodularin (linear)

Precursor of the highly toxic cyclic pentapeptide, nodularin.

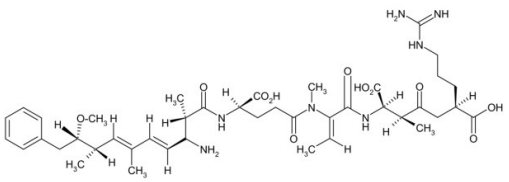
Linear nodularin has been demonstrated to be a biosynthetic precursor of the highly toxic cyclic pentapeptide, nodularin. It is an intermediate of biodegradation by natural populations of bacteria in aquatic samples.

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ALX-350-182-C100	100µg

Manuals, SDS & CofA View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Pale powder or an oil (film), depending on the lot.
Couple Target	Serine/threonine-protein phosphatase
Couple Type	Inhibitor
Formula	$C_{41}H_{62}N_8O_{11}$
Identity	Identity determined by MS.
MW	843.0
Purity	≥95% (HPLC)
RTECS	GU2294250
Solubility	Soluble in methanol:water (1:1).
Source	Isolated from *Nodularia spumigena*.
Technical Info / Product Notes	Not toxic to mice at 2 mg/kg I.P.

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