



Biolaurin

01

Alternative to
Antibiotic growth
promoter (AGP's)

02

Heat and pH stable.

Biolaurin:

Alpha Monolaurin is monoester formed from glycerol and medium chain fatty acid i.e. lauric acid.

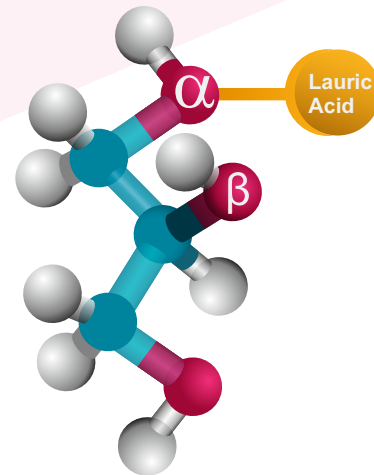
Biolaurin has antibacterial and antiviral effects.

It shows broad spectrum sensitivity against bacteria.

Biolaurin

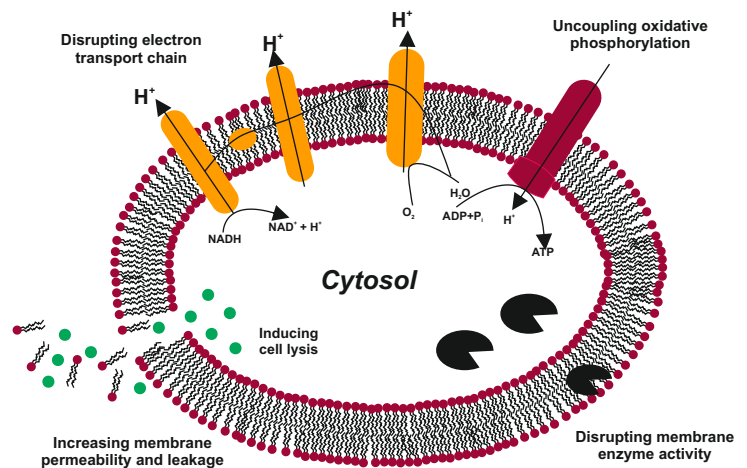
Composition :-

Contains Alpha monolaurin – 30% minimum.



Mode of Action :-

- Monoglycerides interact with lipids in the membrane disrupting its integrity and permeability ultimately leading to bacterial death.
- After entering the cytosol, monoglycerides are split into glycerol and free fatty acids which subsequently dissociate.
- The free protons (H^+) lowers the pH of bacterial cytosol depleting (To reduce) ATP (Adenosine Triphosphate) through proton motive force.
- Simultaneously, the anions form the complex with bacterial DNA inhibiting replication.
- This dual working mechanism leads to bacterial death.



Usage and Administration:

Poultry: 0.5 - 1 kg / ton of feed

Pigs : 2.0 - 2.5 kg / ton of feed

Aqua : 500 g - 1 kg / ton of feed

Or

As directed by veterinary nutritionist.

A product of :

Biochem Pharma
All we need is a healthy world



BIOCHEM PHARMA
LG-113, Xth Central Mall, Mahavir Nagar, Kandivali (W),
Mumbai 400067, Maharashtra, (INDIA). Ph: +91 22 35131576 / 77,
Email : info@biochempharma.in, Web: www.biochempharma.in

Benefits:

01

Antiviral Agent

02

Antibacterial Agent

03

Growth Promoter

04

Improvement of Gut Health

05

Reduction of Antibiotic Use