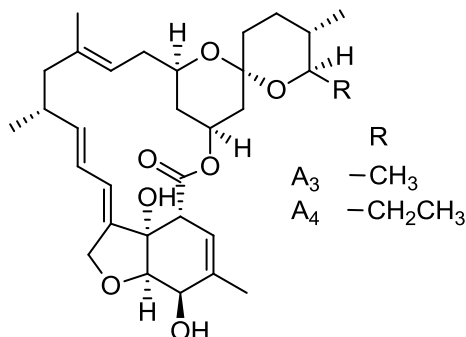


## Milbemectin

Code No.: **BIA-M1553**

Pack sizes: **5 mg, 25 mg**



Synonyms :

### Specifications

CAS #	:	-
Molecular Formula	:	-
Molecular Weight	:	-
Source	:	<b>Semi-synthetic</b>
Appearance	:	<b>White to off-white solid</b>
Purity	:	<b>&gt;95% by HPLC</b>
Long Term Storage	:	<b>-20°C</b>
Solubility	:	<b>Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</b>

### Application Notes

Milbemectin is a mixture of the two most abundant milbemycin analogues, A3 and A4, produced by *Streptomyces hydropiscus* subsp. *aureolarcrimosus*. Originally defined as a mixture of 30% milbemycin A3 and 70% milbemycin A4, our product is specifically blended to meet this specification. Milbemectin is a highly selective and potent insecticide and acaricide used as an agri-chemical for crop protection.

### References

1. Milbemycins, a new family of macrolide antibiotics: fermentation, isolation and physico-chemical properties. Takiguchi Y. et al. *J Antibiot.* 1980, 33, 1120.
2. Milbemycins, a new family of macrolide antibiotics: producing organism and its mutants. Okazaki T. et al. *J Antibiot.* 1983, 36, 438.

Updated: 2 December 2014