

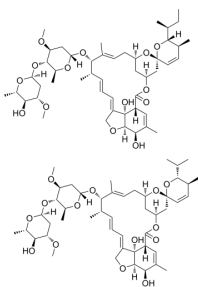
## Avermectin B1

Cat. No.: HY-15311  
CAS No.: 71751-41-2  
Batch No.: 274187  
Chemical Name: A mixture of Avermectin B1a (at least 80%) and Avermectin B1b

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>48</sub>H<sub>72</sub>O<sub>14</sub> (for Avermectin B1a)  
Molecular Weight: 873.09  
Storage: -20°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.36%  
Conclusion: The product has been tested and complies with the given specifications.

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

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