

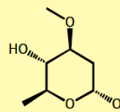
Mode of Action Data Sheets

Group 6: Glutamate-gated chloride channel (GluCl) allosteric modulators

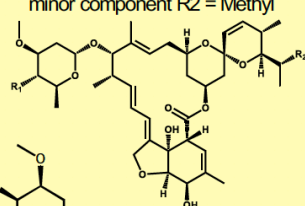
Allosterically activate glutamate-gated chloride channels (GluCl), causing paralysis. Glutamate is an important inhibitory neurotransmitter in insect.

Group 6: Glutamate-gated chloride channel (GluCl) allosteric modulators

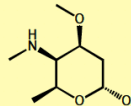
Abamectin R1 =



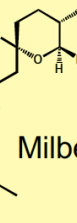
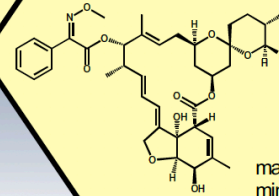
major component R2 = Ethyl
minor component R2 = Methyl



Emamectin benzoate R1 =



Lepimectin



Milbemectin

major component R = Ethyl
minor component R = Methyl

6 Avermectins & Milbemycins

Key to Targeted Physiology

Nerve & Muscle

Growth & Development

Respiration

Midgut

Unknown or Non-specific