

Key 1. 乙醯膽鹼脂酶抑制劑 (AChE inhibitors)

得滅克, 免敵克, 加保扶, 納乃得, 殿殺滅, 硫伐隆, 免扶克, 佈嘉信, 加保利, 丁基加保扶, 愛芬克, 治滅蝨, 比加普, 硫敵克, 覆滅蝨, 滅賜克, 普滅克, 丁基滅必蟲, 滅必蟲, 安丹, 滅克蟲, 滅爾蟲

滅賜松, 雙特松, 二硫松, 芬滅松, 滅加松, 連馬松, 美文松, 亞索靈, 殿滅松, 福瑞松, 福賜米松, 托福松, 殿殺松, 氟乃松, 大滅松, 福賽絕, 飛連松, 滅多松, 硫滅松, 紫米松, 獲賜松, 巴拉松, 一品松, 甲基巴拉松, 谷連松, 氣芬松, 亞芬松, 滅大松, 亞滅松, 陶斯松, 大利松, 一氯松, 愛殺松, 普伏松, 樂乃松, 撲滅松, 芬殺松, 乃力松, 賽連松, 裕必松, 益滅松, 巴賽松, 亞特松, 普硫松, 白克松, 必芬松, 拜裕松, 亞培松, 三落松, 三氯松, 佈飛松, 馬拉松, 樂本松

3 鈉離子通道調節

3A 除蟲菊精 阿納寧, 亞列寧, 畢芬寧, 百亞列寧, 百列滅寧, 賽列寧, 賽洛寧, 賽滅寧, 亞滅寧, 傑他賽滅寧, 第滅寧, 益化利, 依芬寧, 芬普寧, 芬化利, 護賽寧, 福化利, 合芬寧, 百滅寧, 酞丁滅蝨成分, 除蟲菊精, 列滅寧, 矽護芬, 治滅寧, 泰滅寧

Group 2: GABA-gated chloride channel activators

2A Cyclopyridone Organochlorines 可氣丹, 安殺香

2B Phenylpyrazoles (Fiproles) 益斯普, 芬普尼

3B DDT, 3C DDT, 3D DDT, 3E DDT, 3F DDT, 3G DDT, 3H DDT, 3I DDT, 3J DDT, 3K DDT, 3L DDT, 3M DDT, 3N DDT, 3O DDT, 3P DDT, 3Q DDT, 3R DDT, 3S DDT, 3T DDT, 3U DDT, 3V DDT, 3W DDT, 3X DDT, 3Y DDT, 3Z DDT

IRAC Insecticide Resistance Action Committee Mode of Action Classification

20230219更新

Group 9: Microbial disruptors of organ TRPV channel modulators 派滅淨, 柯扶平, 依殺蝨, 合賽多

Group 10: Mite growth inhibitors affecting CHS1 派滅淨, 柯扶平, 依殺蝨, 合賽多

Group 11: Microbial disruptors of insect midgut membranes 蘇力菌與毒蛋白, 球形芽胞桿菌

Group 12: Mitochondrial inhibitors of mitochondrial ATP synthase 汰芬隆, 亞賽錫, 芬佈賜, 威蟎多, 得脫蝨

Group 13: Uncouplers of oxidative phosphorylation via disruption of proton gradient 克外派, 二硝基鄰甲酚, 蘇力菌與毒蛋白, 球形芽胞桿菌

Group 14: Nicotinic acetylcholine receptor (nAChR) channel activators 免速達, 硫賜安, 培丹, thiosulfap

Group 15: Inhibitors of chitin biosynthesis affecting CHS1 福隆, 氟芬隆, 諾伐隆, 得福隆, 六伏隆

Group 16: Inhibitors of chitin biosynthesis, type 1 布芬淨, 同翅目

Group 17: Botulinum receptor agonists 同翅目, 鱗翅目

Group 21: Mitochondrial complex I electron transport inhibitors 芬殺蝨, 畢達芬, 晚芬瑞, 芬普蝨, 畢達本, 得芬諾

Group 23: Inhibitors of acetyl CoA carboxylase 賜滅芬, 賜派滅, 賜派滅, 賜派滅

Group 25: Mitochondrial complex II electron transport inhibitors 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 28: Ryanodine receptor modulators 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 30: GABA-gated chloride channel allosteric modulators 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 32: Nicotinic acetylcholine receptor (nAChR) allosteric modulators 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 33: Calcium-activated chloride channel activators 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 34: Mitochondrial complex I Q1 site inhibitors 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 22: Voltage-dependent sodium channel blockers 因得克, 美氟綠

Group 24: Mitochondrial complex IV electron transport inhibitors 磷化鋁, 磷化錫, 磷化鎵, 磷化鎵, 磷化鎵

Group 26: Chordonitrile modulators - undefined target site 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 31: 桿狀病毒 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 34: Mitochondrial complex I Q1 site inhibitors 賽派芬, 賽芬蝨, 賽芬蝨, 賽芬蝨

Group 4: Nicotinic acetylcholine receptor (nAChR) competitive modulators 達特南, 亞滅培, 益達勝, 賽果培, 可尼丁, 賽果培, 賽果培, 賽果培

Group 6: GABA-gated chloride channel (GABA_A) receptor (nAChR) allosteric modulators 賜諾特, 賜諾特, 賜諾特, 賜諾特

Group 7: Juvenile hormone mimics 美賜平, 芬諾克, 百利普芬

Group 8: Miscellaneous non-specific (multi-site) inhibitors 溴化甲烷, 冰晶石, 硼砂, 海軍酸鈣, 適隆, 克福隆, 三福隆, 諾伐隆, 得福隆, 六伏隆

Group 19: Cholinergic receptor agonists 三亞蝨, 亞美松, 亞美松, 亞美松

Group 20: Hydranilactone 亞美松, 亞美松, 亞美松, 亞美松

Disclaimer: While CropLife International and IRAC make every effort to present accurate and reliable information, they do not guarantee the accuracy, completeness, efficacy, timelines, or correct sequencing of such information.

Poster Notes: Sub-group 3B: DDT is not used in agriculture and therefore this is only applicable for the control of insect vectors of malaria, such as mosquitoes, because of a lack of alternatives.

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