INSECT HORMONE BIOSYNTHESIS 12-trans-Hydroxy JH III K15826 (Juvenile hormone) Methyl-famesoate Juvenile hormone III JН Щ diol Farnesoic acid Famesol K15824 Terpenoid backbone biosynthesis **C**16307 K15890 K14937 K15825 **-**1>**℃** 3.1.7.1 K10718 Farnesyl diphosphate JH III diol phosphate Farnesal K01063 K01063 K14937 K10718 JH III acid K10719 JH III acid diol 2,22-Dideoxy-3-dehydroecdysone 2-Deoxy-3-dehydroecdysone 3-Dehydroecdysone 3-Epiecdysone K10721 K10722 **F**O 1.1.1.-CYP302A1 CYP315A1 CYP306A1 K10724 1.1.1.-(Molting hormone) CYP314A1 CYP307A1/2 CYP306A1 CYP302A1 CYP315A1 Nvd 20-Hydroxyecdysone K14939 K14938 K10720 K10721 K10722 K10723 3β,5β-Ketodiol Cholesterol Diketol Ecdysone 7-Dehydro-cholesterol 3β,5β-Ketotriol 2-Deoxyecdysone K14985 1.-.-.-20,26-Dihydroxyecdysone 26-Hydroxyecdysone

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