Phenolic compounds from *Humulus lupulus* as natural antimicrobial products: new weapons in the fight against methicillin resistant *Staphylococcus aureus*, *Leishmania mexicana* and *Trypanosoma brucei* strains

**Purification of hop prenylated phenolic compounds**

**Quantification by UPLC-UV of main prenylated phenolic compounds in different hop parts**

**Antibacterial bioassays against MRSA (kill curves, post-antibiotic effects, anti-biofilm and synergy assays)**

**Antiparasitic bioassays (Trypanosoma brucei brucei, Leishmania mexicana mexicana)**

**Cytotoxicity experiments** (WI-38, I774, Hep-G2, MG-63)

**Strong antibacterial action (MIC < 1 µg/mL for the most active compound) and antibiofilm effect against MRSA strains**

**Antiparasitic activity particularly on *T. brucei* (IC<sub>50</sub> < 1 to 11 µg/mL)**

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