

STEP 1

Collection of Plant Material

Plant Material

Stabilization and Storage



Preparation of crude extract and fractions



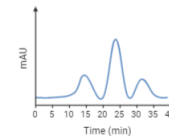
STEP 2

Chemical profiling analysis



UHPLC-DAD-HRMS

NMR



STEP 3

Bioassays to crude extract and fractions

Antimicrobial activity

Antibiofilm activity



STEP 4

Data Analysis*

Hits selection

Isolation**

Activity validation

* Univariate and multivariate data analysis

* Dereplication and compounds annotation

** Isolation, purification, and complete compound identification