

EUPATORIOPICRIN ISOLATION

S. maimarensis aerial parts (50 g)

Maceration with
dichloromethane
(500 mL, 3 min., twice)

Crude dichloromethane extract

Rotatory evaporator

Residue

Taken with Ethanol-water (70:30)
and then extracted with

i) Hexane (3 x 50 mL)

ii) Dichloromethane (3 x 50 mL)

Dewaxed dichloromethane extract

Isocratic column chromatography
on Si gel (230-400 Mesh)
(Dichloromethane-ethyl acetate 1:2)

Column fractions

TLC analysis:
_Silicagel 60 F₂₅₄
_Dichloromethane-ethyl acetate 1:2
_Anisaldehyde-sulfuric acid

Eupatoriopicrin rich fractions

Solvent evaporation

Eupatoriopicrin precipitated
as white crystals

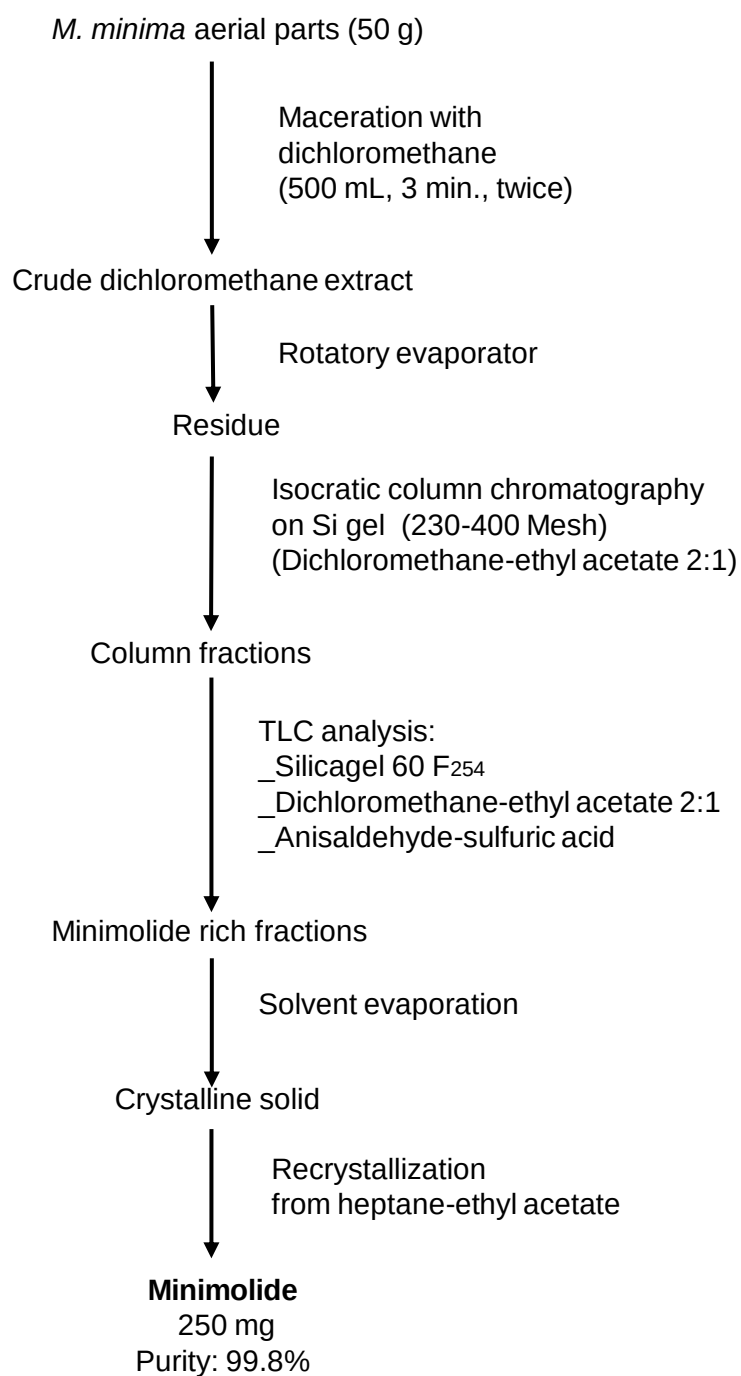
Washed with ethyl ether-
ethyl acetate (7:3)

Eupatoriopicrin

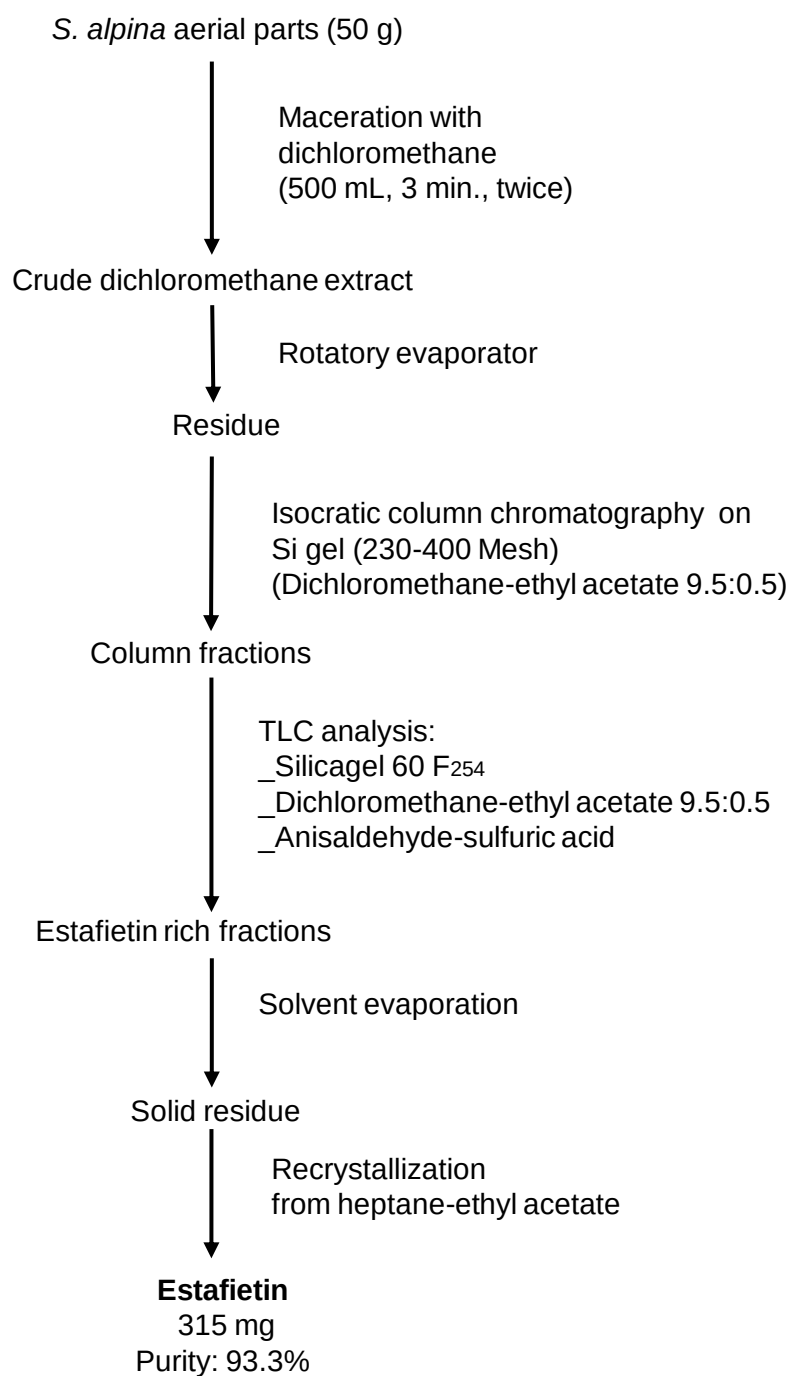
90 mg

Purity: 94.6%

MINIMOLIDE ISOLATION



ESTAFIETIN ISOLATION



EUPAHAKONENIN B ISOLATION

