

ローズマリー葉に含有されるフラボノイド

岡村信幸、原口博行、橋本研介、八木晟

Phytochemistry, **37** (5), 1463-1466 (1994)

Flavonoids in *Rosmarinus officinalis* leaves

Nobuyuki Okamura, Hiroyuki Haraguchi,
Kensuke Hashimoto and Akira Yagi

ABSTRACT Three new flavonoid glucuronides, luteolin 3'-O- β -D-glucuronide, luteolin 3'-O-(4"-O-acetyl)- β -D-glucuronide, and luteolin 3'-O-(3"-O-acetyl)- β -D-glucuronide, together with hesperidin, were isolated from 50 % aqueous MeOH extract of the leaves of rosemary. The structures were established by chemical and spectroscopic methods. Their antioxidant activities were evaluated by a ferric thiocyanate method with hesperidin showing the greatest activity.

抄録 ローズマリー葉の50%メタノールエキスから、ヘスペリジンとともに luteolin 3'-O- β -D-glucuronide、luteolin 3'-O-(4"-O-acetyl)- β -D-glucuronide、luteolin 3'-O-(3"-O-acetyl)- β -D-glucuronide の3種の新規フラボノイド化合物を単離した。これらの化合物の構造は酵素や酸加水分解及び各種スペクトルの解析により決定した。