

インドネシア薬用植物 第XV報：*Merremia mammosa*（ヒルガオ科）塊根から単離した5種の新規樹脂配糖体、Merremoside a, b, c, d, 及び e の化学構造

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Indonesian Medicinal Plants. XV. Chemical Structures of Five New Resin-Glycosides, Merremosides a, b, c, d, and e, from the Tuber of *Merremia mammosa* (Convolvulaceae)

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**ABSTRACT** Five new resin-glycosides, named merremosides a, b, c, d, and e, were isolated from the tuber of *Merremia mammosa* (Lour.) Hallier f. (Convolvulaceae), an Indonesian medicinal plant. The structures of merremosides a, b, c, d, and e have been elucidated on the basis of chemical and physicochemical evidence, including syntheses of (11*S*)-(+) and (11*R*)-(-)-jalapinolic acid and the glycosidic acid designated as merremoside i.

抄録 インドネシアの薬用植物の一つ、*Merremia mammosa*（ヒルガオ科）塊根から5種の新規樹脂配糖体、merremoside a, b, c, d, and eを単離し、それらの化学構造を物理化学的及び(11*S*)-(+) and (11*R*)-(-)-jalapinolic acid やmerremoside iの合成等の化学的手法を用いて明らかにした。

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