

Taxus sumatrana 葉から単離した
タキソール及びその関連タキソイド類

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**Taxol and Its Related Taxoids from the
Needles of *Taxus sumatrana***

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Through bioassay-guided separation of the chemical constituents of the needles of *Taxus sumatrana*, taxol, cephalomannine, and a new 19-hydroxy-13-oxobaccatin III have been isolated together with 7-*epi*-10-deacetyltaxol, 7-*epi*-10-deacetylcephalomannine, baccatin III, 19-hydroxybaccatin III, and 10-deacetyl-13-oxobaccatin III. The chemical structure of 19-hydroxy-13-oxobaccatin III has been elucidated on the bases of its chemical and physicochemical properties.

バイオアッセイを指標とした*Taxus sumatrana*葉の化学成分の分離を行い、7-*epi*-10-deacetyltaxol, 7-*epi*-10-deacetylcephalomannine, baccatin III, 19-hydroxybaccatin III, 及び10-deacetyl-13-oxobaccatin IIIと共に, taxol, cephalomannine, 及び新規化合物19-hydroxy-13-oxobaccatin IIIを単離した。

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