

インドネシア薬用植物 第 XXIV 報：
Scurrula fusca (ヤドリギ科) 葉から単離した
Perseitol · K⁺ イオン錯体の立体化学構造

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Stereochemical Structure of Perseitol · K⁺ Complex Isolated
from the Leaves of *Scurrula fusca* (Loranthaceae)

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ABSTRACT : A complex of perseitol (D-glycero-D-galacto-heptitol) and K⁺ ions in a molar ratio of 20:1 was isolated from the leaves of *Scurrula fusca* (Loranthaceae), which has been traditionally used for the treatment of cancer in Sulawesi Island, Indonesia. The stereochemical structure of the complex in H₂O solution has been elucidated by use of several kinds of NMR techniques. Furthermore, it has been found that the complex exhibits a potent inhibitory effect on [³H]-leucine incorporation for protein synthesis in Ehrlich ascites tumor cells in mice.

抄録 *Scurrula fusca* 葉から単離した、perseitol (D-glycero-D-galacto-heptitol) · K⁺ イオン錯体の水中での立体化学構造を明らかにするとともに、同錯体がマウス腹水癌細胞のタンパク合成を阻害することを示した。