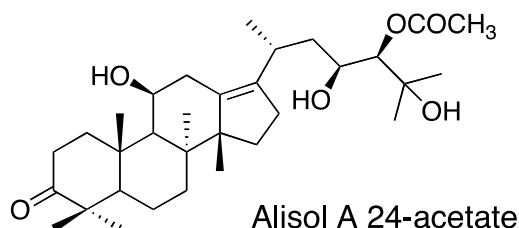
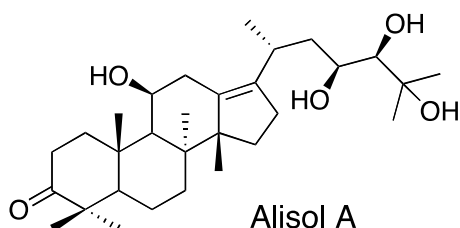


Alisol A 24 acetate



【化合物】 Alisol A 24-acetate (*Alisma orientale* 抽出エキスの投与)

【化合物の起源 生薬お呼び薬用植物】 *Alisma orientale* (Sam.) Juz.

【対象】 動物 (ラット)

【測定機器】 A liquid chromatography–mass spectrometry (LC-MS) method was conducted for simultaneous determination alisol A and alisol A 24-acetate, with positive electrospray ionization by a selected ion monitoring mode.

【代謝パラメータ】

Pharmacokinetic parameters of alisol A and alisol A 24-acetate in rats after oral administration of Rhizoma Alismatis extract

Parameter	Alisol A	Alisol A 24-acetate
$t_{1/2}$	3.1 ± 1.6	2.9 ± 0.9
C_{\max} (μ g/L)	476.1 ± 188.6	233.1 ± 55.4
t_{\max} (h)	9.7 ± 0.5	9.2 ± 1.0
AUC _(0-t) (μ g h/L)	$2,945 \pm 1,024$	$1,820 \pm 464$
AUC _(0-∞) (μ g h/L)	$3,453 \pm 1,623$	$1,874 \pm 450$

Each point represents mean \pm SD.

【参考文献】

Yue Yu, Qing Li, Kaishun Bi, Pu Xie, Guoguang Yang, Xiaohui Chen, A sensitive liquid chromatography-mass spectrometry method for simultaneous determination of alisol A and alisol A 24-acetate from *Alisma*

orientale (Sam.) Juz. in rat plasma. *Anal. Bioanal. Chem.*, **399**: 1363-9 (2011).