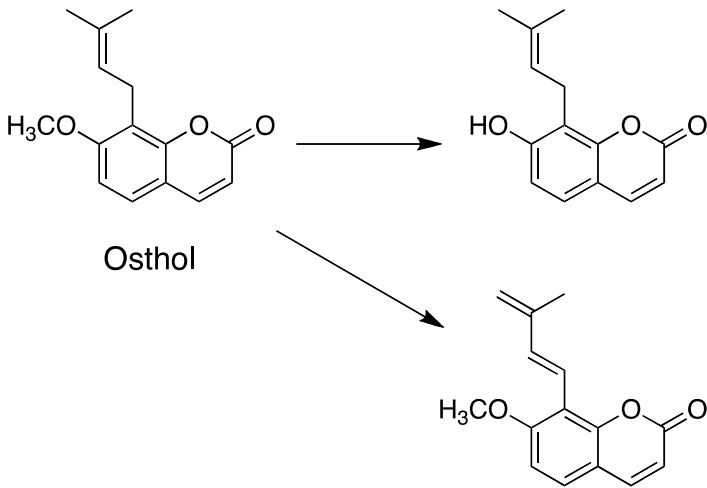


Osthol (Osthole)



【化合物】 Osthol (Osthole)
【測定機器】 LC-MS/MS
【対象】 動物 (ラット)
【代謝実験】 ラットを用いて Gushudan (Herba Epimedii, Fructus Cnidii, Rhizoma Drynariae and Radix Salviae Miltiorrhizae) extract の体内動態を調べる。
【代謝パラメーター】

	Icariin	Icariside II	Osthole
$C_{\max}$ (ng/ml)	102±64	46.3±33.2	672±247
$t_{\max}$ (h)	0.16±0.04	0.24±0.03	0.70±0.07
K_e (1/h)	2.64±0.86	2.81±1.22	0.16±0.06
$t_{1/2}$ (h)	0.28±0.09	0.28±0.10	4.83±1.78
$AUC_{0-\infty}$ (ng h/ml)	23.2±5.8	16.3±11.9	1810±873

Pharmakokinetic parameters of icariin, icariside II and osthole in rats after oral administration of Gushudan (Herba Epimedii, Fructus Cnidii, Rhizoma Drynariae and Radix Salviae Miltiorrhizae) extract (n=6). Mean±SD.
[Liu et al., *Journal of Chromatography B*, **860**: 113–120 (2007)]

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