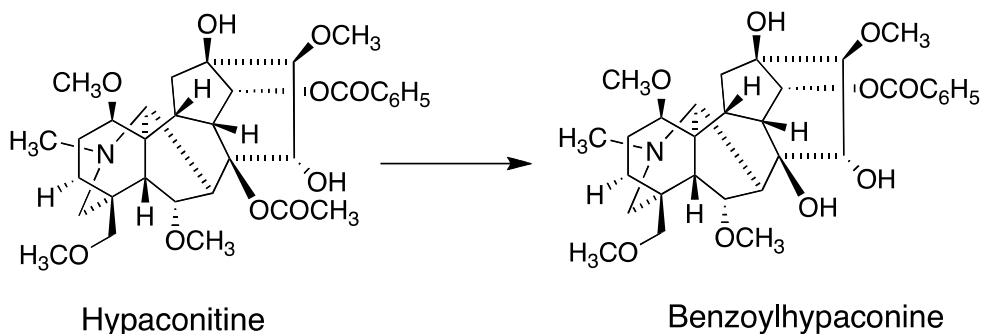


Hypaconitine



【化合物】 Hypaconitine

“SHEN-FU” injectable powder by SAN-JIU Pharmaceutical Company of Ya-An in China was applied to humans, and their sera were used for analysis of aconite alkaloids. The “SHEN-FU” injectable powder was approved by State Food and Drug Administration of China (No. 2004L02334). At present, it was under clinical trial in phase I in National Clinical Trial Center of Traditional Chinese Medicine of China. The main active components of “SHEN-FU” were ginsenosides and *Aconitum* alkaloids. [Zhang et al., *J. Chromato. B*, **873**, 173–179 (2008).]

【対象】 動物（ヒト）

【測定機器】 LC-MS/MS

【代謝実験】

“SHEN-FU” injectable powder were applied to 18 healthy volunteers by intravenous drop infusion. Six volunteers were involved in each experiment. The blood samples were collected at intervals after intravenous drop infusion. The pharmacokinetics demonstrated that the concentrations of aconitine, mesaconitine, and hypaconitine were at very low levels with < 0.2, < 0.2, and < 0.7 ng/mL or under detection limit for all) and the content of benzoylmesaconine was highest. [Zhang et al., *J. Chromato. B*, **873**, 173–179 (2008).]

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