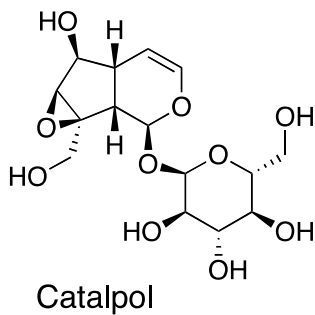


Catalpol



- 【化合物】 Catalpol
- 【測定機器】 liquid chromatography/tandem mass spectrometry (LC/MS/MS)
- 【対象】 ラット
- 【代謝パラメータ】

Mean plasma concentration–time profile of catalpol after oral administration of 50 mg/kg to rats.

Parameters	Mean ± SD
$t_{1/2}$ (h)	1.212 ± 0.388
V1/F (L/kg)	1.428 ± 0.681
CL/F (L/h/kg)	0.824 ± 0.317
$t_{1/2Ka}$ (h)	0.53 ± 0.302
AUC0–∞ (ng h/mL)	69,520 ± 22,927
MRT0–∞ (h)	3.273 ± 0.365
T _{max} (h)	1.333 ± 0.408
C _{max} (ng/mL)	23,318 ± 10,468

Each point represents mean ± SD (n = 6).
[Lu et al., *J. Chromatography B*, **877**: 3589–3594 (2009)]

【参考文献】
Rong Lu, Yuan Gu, Duanyun Si, Changxiao Liu, Quantitation of catalpol in rat plasma by liquid chromatography/electrospray ionization tandem mass

spectrometry and its pharmacokinetic study. *J. Chromatography B*, **877**: 3589–3594 (2009)