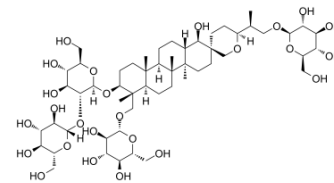


## Hosenkoside K

Cat. No.:	HY-N2243		
CAS No.:	160896-49-1		
Molecular Formula:	C <sub>54</sub> H <sub>92</sub> O <sub>25</sub>		
Molecular Weight:	1141.29		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	Hosenkoside K is a baccharane glycoside isolated from the seeds of <i>impatiens balsamina</i> .
In Vivo	The mean peak concentrations of hosenkoside K in rats after oral administration of total saponins of <i>Semen Impatiensis</i> is 511.11±234.07 ng/mL, occurring at times of 0.46 h. The terminal half-lives of hosenkoside A is 4.96±1.75 h <sup>[1]</sup> .

### PROTOCOL

Animal Administration	<p>Male Wistar rats (7 weeks old, 220±20 g, n=6) are fasted for 12 h. Total saponins of <i>Semen Impatiensis</i> at a dose of 300 mg (in 10 mL)/kg are orally administered to rats using a gastric gavage tube. The doses of hosenkoside A is 12.4 mg/kg for an oral dose of 300 mg/kg total saponins. Blood samples (0.20 mL) are collected from suborbital vein into heparinized tubes before administration (0 min), and 0.08, 0.25, 0.5, 0.75, 1, 1.5, 2, 4, 6, 8, 12 and 24 h after dosing.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>
-----------------------	---

### REFERENCES

[1]. Yu X, et al. An LC-MS/MS method for simultaneous determination of hosenkoside A and hosenkoside K from *Semen Impatiensis* in rat plasma and its application to a pharmacokinetic study. *Biomed Chromatogr.* 2017 Mar;31(3).

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA