



























# Chiral HPLC of *cis*-Dihydroxygirinimbine (6)

Conditions: Nucleodex  $\beta$ -PM column (RP), dimension: 200 × 4 mm, T = 35 °C, eluent: MeCN–H<sub>2</sub>O (50:50), rate: 0.7 mL/min,  $\lambda$  = 260 nm.





b) (-)-*cis*-Dihydroxygirinimbine ((-)-6)















# Spectroscopic Data of Natural *cis*-Dihydroxygirinimbine (6)

*cis*-Dihydroxygirinimbine (**6**) isolated from *Murraya koenigii* (Bangladesh) by Professor H. Furukawa and Professor C. Ito (Faculty of Pharmacy, Meijo University, Nagoya, Japan).

 $[\alpha]_D = \pm 0 \text{ (MeOH)}$ 

1.) UV (MeOH)

2.) <sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>)



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yashi-MKRMA12-10-4-1-1.6mg-CDCl3	Supplementary Material (ESI) for Orac	nia 8 Diamalagular Chamiatry	
8.898 1.1245 1.148 1.118 1.148 1.118 1	Supplementary Material (ESI) for Orga This journal is © The Boyal Soc	inic & Biomolecular Chemistry ciety of Chemistry 2011	DFILE C:¥Documents and Settings¥薬化学¥デスク hayashi-MKRMA12-10-4-1-1.6mg-CDCl3   00000 DATIM 3-AUG-2006 10:58:45   00BNUC IH   EXMOD single_pulse.exp   00BFRQ 500.00 MHz   00BSET 163.40 KHz   00BFIN 916.49 Hz   POINT 32768   FREQU 8503.40 Hz   SCANS 8   ACQTM 3.8535 sec   PD 4.0000 sec   PW1 6.88 usec   IRNUC IH   CTEMP 26.0 c   SLVNT CDCL3   EXREF 0.00 ppm   BF 0.12 Hz   RGAIN 25
	r cis	14.12	cis-Dihydroxygirinim Murraya koenigii (Bangladesh) dried root (1.2 kg) cis-DHOG (1.2mg)
1.06 1.06 1.06 1.06 1.06 1.05 5.54	0.00	3300 3390 1 390	3.73