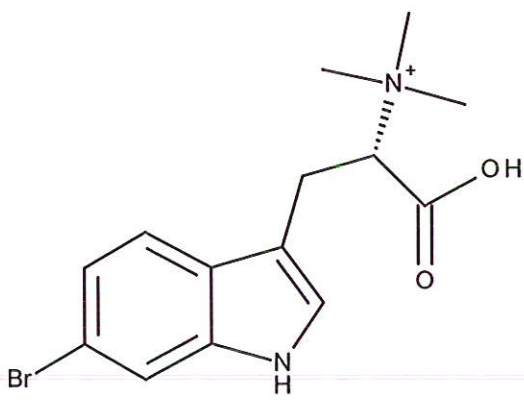


HBOI-355		
6-Br-HYPAPHORINE		
$C_{14}H_{18}BrN_2O_2$		326.21
Pachastrellidae		
Kondo, Nishi, Ishibashi and Kobayashi, 1994, <i>J. Nat. Prod.</i> , , 57: 1008-1011		

isolation scheme (Visio) attached

hplc method (trace attached)

Method: Vydac C18 Protein and Peptide, 4.6 x 250mm, 10 μ
 flow 1 ml/min, detection: PDA: UV (extracted at 220 nm, black); ELSD (green dotted)
 A: H₂O:CH₃CN (95:5, v/v), B: CH₃CN
 t=0 min A:B (90:10, v/v), t=20 min (100%B) , t=28 min (100%B)

LC-MS method

Method: Vydac C18 Protein and Peptide, 2.1x150 mm, flow 0.2 ml/min
 A: H₂O (0.1% formic acid), B: CH₃CN (0.1% formic acid)
 t= 0 min A:B (90:10, v/v), t=15 min (100%B), t=21 min (100%B), t=22 min A:B(90:10, v/v)
 using a linear gradient

¹H (600 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

¹³C (150 MHz) CDCl₃ CD₃OD (Methanol-d₄) CDCl₃/CD₃OD

solubility CHCl₃/MeOH (9:1) MeOH DMSO

estimated purity >90%

sample weight 16.5 mg

For further information contact:

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awrigh33@hboi.fau.edu, 772-242-2459

Date: 7/18/13

1-IX-93-1-005
 Pachastrellidae
 209g
 Extract 2 X EtOH, 2 X EtOAc/EtOH 9:1, 1 X MeOH
 ROBL23-50-1 5.7g Crude Extract

H₂O Partition

EtOAc Partition
 ROBL23-50-2
 140mg

H₂O Partition
 ROBL23-50-3
 4.97g

BuOH Partition
 ROBL23-50-4
 322.4mg

300g on 15.5g C18 Rf
 Gold Isco Column
 100% H₂O to 100%
 ACN, Washes

ROBL23-50- Weight (mg) Tubes	22 87.3 2-6	23 11.1 7-14	24/25 6.1 15-17	26 97.2 18-20 .	27 23.3 21-35	28 8.3 36-53
	29 6.3 54-56	30 26.2 57-65	31 6.7 66-69	32 9.5 ACN/H ₂ O/TFA 80:20:0.1		

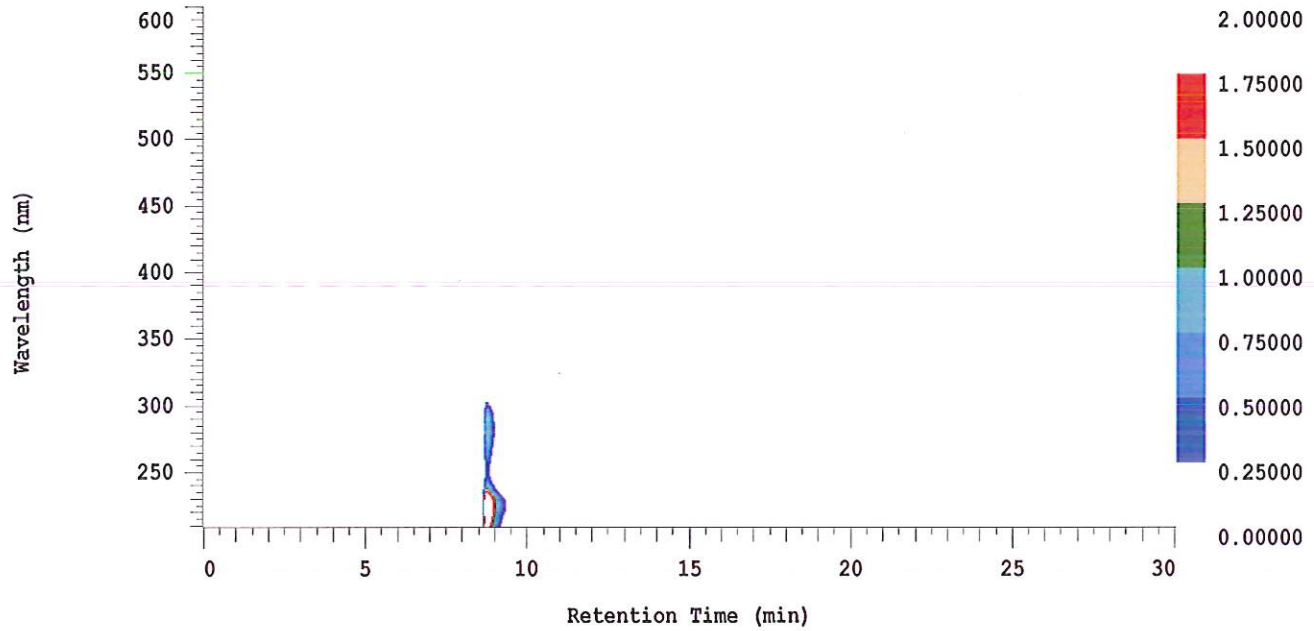
D-2000 Elite HPLC System Manager Report

Analyzed: 07/11/2013 11:25 AM

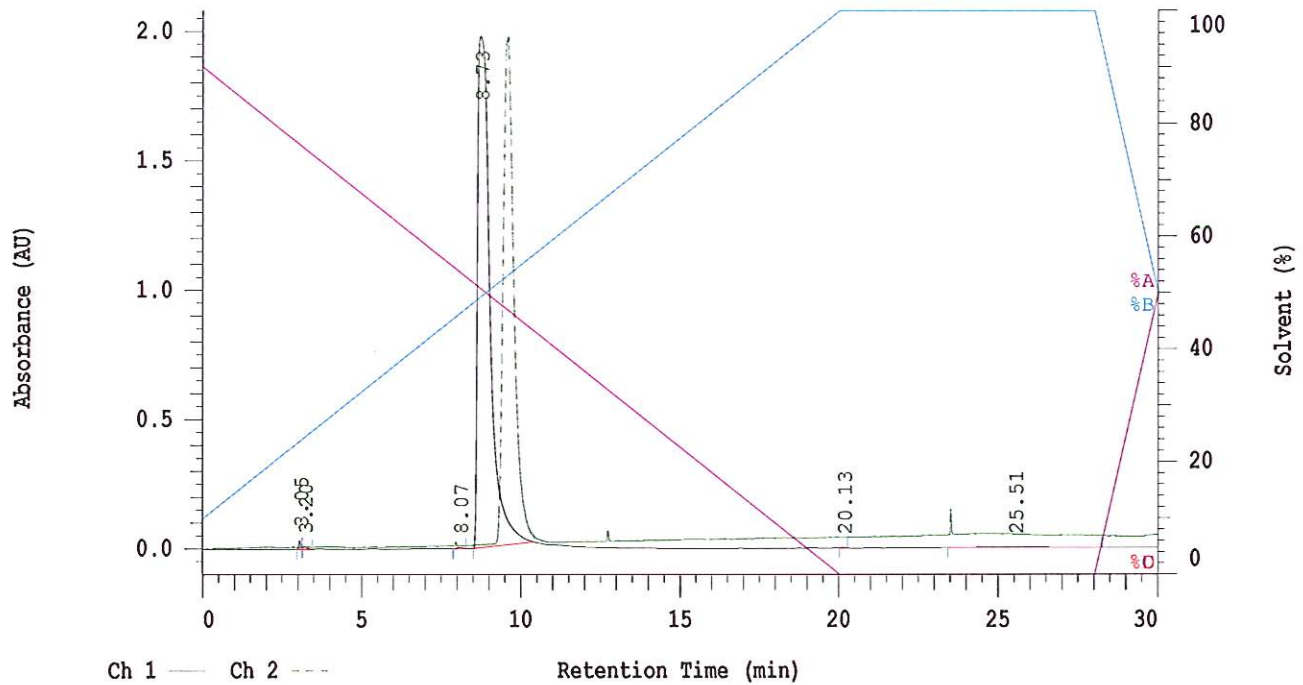
Reported: 07/11/2013 12:29 PM

Sample Name: HBOI-355_1

Sample Description: HBOI-355 hypaporphine 1mg-ml



Channel 1 Chrom Type: Fixed WL Chromatogram, 230 nm



Acquisition Method: autosampler_30min_wELSD

Column Type: Vydac C18

Pump A Solvent A: H2O/5% ACN

Pump A Solvent B: ACN

Method Description:

RT: 0.00 - 20.99

