SOLLASIN B

C_{20}H_{22}N_{2}O_{2}  332.24

Pachastrellidae


- Isolation scheme (Visic) attached
- hplc (trace attached)

Method: Vydac C18 Protein and Peptide, 4.6 x 250mm, 10µ
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 (spectrum attached)

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=22.1 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 _20.8 mg

For further information contact:
Amy E. Wright, PhD, HBOI@FAU, 5600 US 1, North, Fort Pierce, FL 34946
awright33@hbol.fau.edu, 772-242-2459

Date: 2-8-13
22-V-93-3-004
Pachystrellidae
Heptane Dionex Extraction
ROBL22-99-2
500mg

12g Redi-Sep Gold
Combi-Flash Non-Polar Method
100% HEP to 100% EIOAc plus wash gradient
30 ml/min

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ROBL25-52-3
HPLC 20:80 H₂O/ACN
50mg

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ROBL25-52-4
HPLC 20:80 H₂O/ACN
32mg

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ROBL25-52-9 HB382
ROBL25-52-7 HB383
ROBL25-62-6 HB384
D-2000 Elite HPLC System Manager Report

Sample Name: HBOI-382
Sample Description: HBOI-382

Acquisition Method: autosamp_30mn_UV220_wELSD
Column Type: Vydac C18
Pump A Solvent A: H2O/5% ACN
Pump A Solvent B: ACN
Method Description: