**Supporting Information.**

**Isolation and identification of leucettamine B, preclathridine A and (9*E*)-clathridine 9-*N*-(2-sulfoethyl)imine.**

Isolation procedures of known compounds were mentioned in the **Experimental Section**, and identifications of these compounds were made based on the $^{13}C$ and $^{1}H$ NMR data tabulated as follows.

$^{13}C$- and $^{1}H$- NMR Data (125 and 500 MHz, in acetone-$d_6$) of leucettamine B

| | leucettamine B in literature[a] | | leucettamine B obtained by our isolation | |
|---|---|---|---|---|
| position[b] | $\delta_C$ | $\delta_H$ ($J$ in Hz) | $\delta_C$[c] | $\delta_H$ ($J$ in Hz)[c] |
| 2 | 160.2 | | 160.19 | |
| 4 | 170.5 | | 170.54 | |
| 5 | 140.4 | | 140.37 | |
| 7 | 114.6 | 6.42 (1H, s) | 114.69 | 6.43 (1H, s) |
| 8 | 131.7 | | 131.74 | |
| 9 | 110.8 | 8.04 (1H, d, 1.6) | 110.80 | 8.04 (1H, brs) |
| 10 | 148.6 | | 148.57 | |
| 11 | 148.1 | | 148.08 | |
| 12 | 108.8 | 6.82 (1H, d, 8.1) | 108.77 | 6.82 (1H, d, 8.1) |
| 13 | 126.3 | 7.33 (1H, dd, 8.1, 1.6) | 126.27 | 7.33 (1H, dd, 8.1, 1.4) |
| 3-$NCH_3$ | 25.7 | 3.13 (3H, s) | 25.66 | 3.14 (3H, s) |
| 10-$OCH_2O$ | 102.0 | 6.01 (2H, s) | 102.04 | 6.01 (2H, s) |
| 6-$NH_2$ | | 6.72 (2H, brs) | | 6.71 (2H, brs) |

[a] Chan, G. W.; Mong, S.; Hemling, M. E.; Freyer, A. J.; Offen, P. H.; DeBrosse, C. W.; Sarau, H. M.; Westley, J. W. *J. Nat. Prod.* **1993**, *56*, 116-121.

[b] Position numberings were made based on the numberings in the literature (see **Structures for Supporting Information**).

[c] Chemical shifts are given on a δ (ppm) scale with acetone-$d_6$ ($^{1}H$ 2.05 ppm; $^{13}C$ 29.80 ppm) as the internal standard.

$^{13}C$- and $^{1}H$- NMR Data (125 and 500 MHz, in $CD_3OD$) of preclathridine A

| | preclathridine A in literature[a] | | preclathridine A obtained by our isolation | |
|---|---|---|---|---|
| position[b] | $\delta_C$ | $\delta_H$ ($J$ in Hz) | $\delta_C$ [c,d] | $\delta_H$ ($J$ in Hz) [c] |
| 2 | 148.1 | | 149.39 | |
| 4 | 126.4 | | 127.75 | |
| 5 | 113.8 | 6.72 (1H, s) | 115.17 | 6.75 (1H, s) |
| 14 | 31.0 | 3.71 (2H, s) | 31.25[e] | 3.74 (2H, s) |
| 1' | 130.5 | | 131.91 | |
| 2' | 107.9 | 6.50 (1H, s) | 109.30 | 6.52 (1H, s) |
| 3' | 146.8 | | 148.09 | |
| 4' | 146.9 | | 148.20 | |
| 5' | 108.6 | 6.69 (1H, d, 8.0) | 109.97 | 6.73 (1H, d, 7.9) |
| 6' | 121.4 | 6.75 (1H, d, 8.0) | 122.83 | 6.76 (1H, d, 7.9) |
| 7' | 101.1 | 5.89 (2H, s) | 102.41 | 5.91 (2H, s) |
| 3-$NCH_3$ | 29.9 | 3.41 (3H, s) | 32.44[e] | 3.45 (3H, s) |

[a] Alvi, K. A.; Peters, B. M.; Hunter, L. M.; Crews, P. *Tetrahedron* **1993**, *49*, 329-336.

[b] Position numberings were made based on the numberings in the literature (see **Structures for Supporting Information**).

[c] Chemical shifts are given on a δ (ppm) scale with TMS as the internal standard.

[d] Chemical shifts were constantly observed at 1.3-1.4 ppm larger values than those in literature.

[e] From DEPT experiments, the signal at δ 31.25 ppm was assigned as $CH_2$ and at δ 32.44 ppm as $CH_3$. Thus, the assignment in the literature might be interchanged.

$^{13}$C- and $^{1}$H- NMR Data [125 and 500 MHz, in DMSO-$d_6$-$CDCl_3$ (5:1)] of (9*E*)-clathridine 9-*N*-(2-sulfoethyl)imine

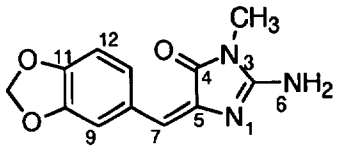
| | (9*E*)-clathridine 9-*N*-(2-sulfoethyl)imine in literature[a] | | (9*E*)-clathridine 9-*N*-(2-sulfoethyl)imine obtained by our isolation | |
|---|---|---|---|---|
| position[b] | $\delta_C$ | $\delta_H$ (*J* in Hz) | $\delta_C$[c] | $\delta_H$ (*J* in Hz)[c] |
| 2 | 144.0 | | 144.30 | |
| 4 | 130.9 | | 130.91 | |
| 5 | 116.9 | 7.14 (1H, s) | 116.86 | 7.08 (1H, s) |
| 7 | 160.0 | | 160.05 | |
| 9 | 165.0 | | 164.78 | |
| 11 | 164.0 | | 164.15 | |
| 12 | 32.6 | 3.67 (3H, s) | 32.62 | 3.67 (3H, s) |
| 13 | 26.0 | 3.13 (3H, s) | 26.01 | 3.14 (3H, s) |
| 14 | 29.9 | 4.03 (2H, s) | 30.09 | 4.02 (2H, s) |
| 16 | 49.8 | 3.95 (2H, t, 6.5) | 49.97 | 3.98 (2H, t, 6.7) |
| 17 | 38.3 | 2.94 (2H, t, 6.5) | 39.51 | 2.98 (2H, t, 6.7) |
| 1' | 131.1 | | 131.15 | |
| 2' | 109.2 | 7.01 (1H, brs) | 109.27 | 6.98 (1H, d, 1.5) |
| 3' | 147.3 | | 147.35 | |
| 4' | 145.0 | | 146.01 | |
| 5' | 108.1 | 6.84 (1H, d, 7.9) | 108.26 | 6.83 (1H, d, 7.9) |
| 6' | 121.8 | 6.91 (1H, d, 7.9) | 121.98 | 6.91 (1H, dd, 7.9, 1.5) |
| 7' | 100.7 | 5.97 (2H, s) | 100.76 | 5.96 (2H, s) |

[a] He, H-Y.; Faulkner, D. J.; Lee, A. Y.; Clardy, J. *J. Org. Chem.* **1992**, *57*, 2176-2178.

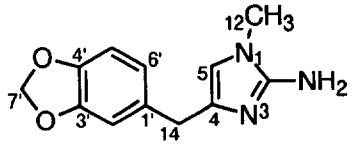
[b] Position numberings were made based on the numberings in the literature (see **Structures for Supporting Information**).

[c] Chemical shifts are given on a δ (ppm) scale with TMS as the internal standard.

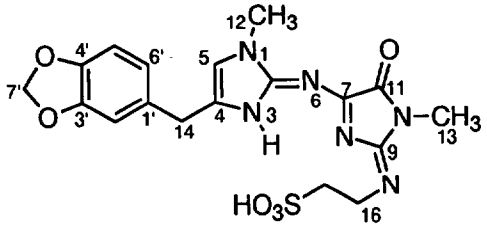
Structures for Supporting Information



leucettamine B



preclathridine A



(9*E*)-clathridine 9-*N*-(2-sulfoethyl)imine