Supplementary Material

Characterization of the Sugar-O-methyltransferase LobS1 in Lobophorin Biosynthesis

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Fig. S1 Spectral data of compound 3

(A) The HRESIMS spectrum of compound 3
Fig. S1 Spectral data of compound 3 (continued)
(B) The $^1$H NMR spectrum of compound 3 (CD$_3$OD)
Fig. S1 Spectral data of compound 3 (continued)

(C) The $^{13}$C NMR spectra of 3 (CD$_3$OD)
Fig. S1 Spectral data of compound 3 (continued)
(D) The HSQC spectrum of compound 3 (CD$_3$OD)
Fig. S1 Spectral data of compound 3 (continued)
(E) The $^1$H-1H COSY spectrum of compound 3 (CD$_3$OD)
Fig. S1 Spectral data of compound 3 (continued)
(F) The HMBC spectrum of compound 3 (CD$_3$OD)
Fig. S2 Spectral data of compound 4

(A) The HRFABMS spectrum of compound 4

Chemical Formula: C₆₀H₈₈N₂O₂₁
Calculated for [M + Na]⁺: 1195.5777
Fig. S2 Spectral data of compound 4 (continued)

(B) The $^1$H NMR spectrum of compound 4 (CD$_3$OD)
Fig. S2 Spectral data of compound 4 (continued)

(C) The $^{13}$C NMR spectra of 4 (CD$_3$OD)
Fig. S2 Spectral data of compound 4 (continued)

(D) The HSQC spectrum of compound 4 (CD$_3$OD)
(E) The $^1$H-$^1$H COSY spectrum of compound 4 (CD$_3$OD)

Fig. S2 Spectral data of compound 4 (continued)
Fig. S2 Spectral data of compound 4 (continued)
(F) The HMBC spectrum of compound 4 (CD$_3$OD)