Supplementary Data

Accurate Molecular Weight Measurements of Cystine Derivatives on FAB-MS

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FAB-MS using DTDE

EI-MS of didodecyl disulfide	S-10
EI-MS of diphenyl disulfide	S-9
compound 18	S-9
compounds 16 and 17	S-8
compounds 14 and 15	S-7
compounds 12 and 13	S-6
compounds 10 and 11	S-5
compounds 8 and 9	S-4
compounds 6 and 7	S-3
compounds 4 and 5	S-2
compounds 2 and 3	S-1

FAB-MS of compound 2 (N-Boc-cystine)







S - 1

FAB-MS of compound 4 (C-Me)

FAB-MS of compound 5 (C-allyl)

FAB-MS of compound **6** (C- t Bu)

FAB-MS of compound 7 (DiNAC)

[Mass Spectrum] Sample : DiNAC Ion Mode : FAB+ (matrix:DTDE) Scan : (10,20)-(35,45)

FAB-MS of compound 8 (GSSG)

FAB-MS of compound 9 [FmocCys(^tBuS)OH]

FAB-MS of compound 10 (Oxytocin)

FAB-MS of compound 11 (Conotoxin)

FAB-MS of compound 12 (Cys)

FAB-MS of compound 13 (NAC)

FAB-MS of compound 14 (GSH)

FAB-MS of compound 15 (Met)

S - 7

FAB-MS of compound 16 (Taurine)

FAB-MS of compound 17 [FmocCys(SO₃H)OH]

S - 8

FAB-MS of compound 18 (SeCys)₂

EI-MS of diphenyl disulfide

EI-MS of didodecyl disulfide

