

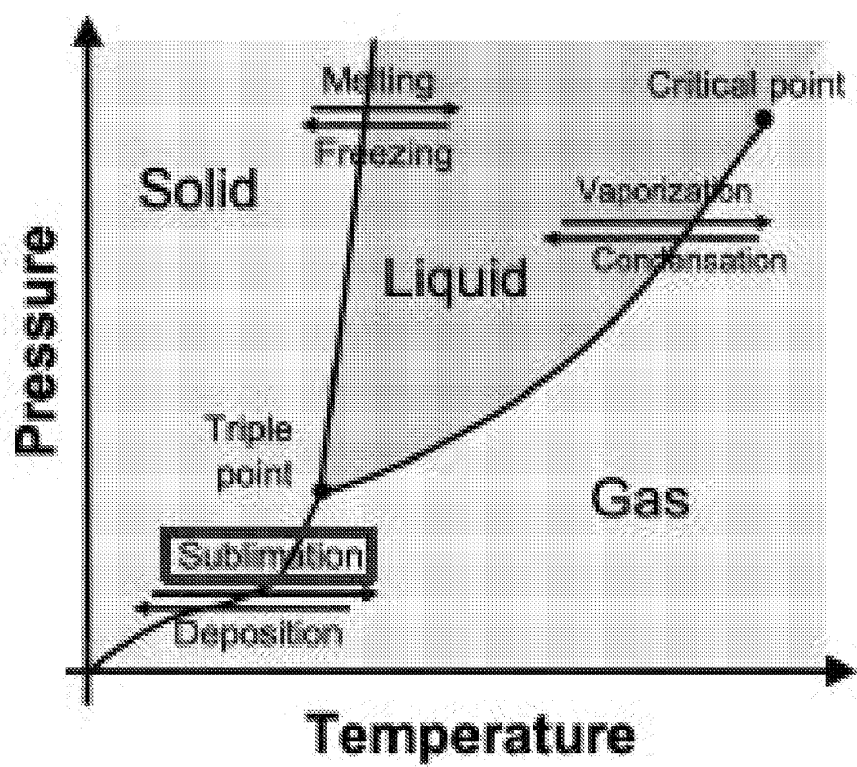


FIG. 1

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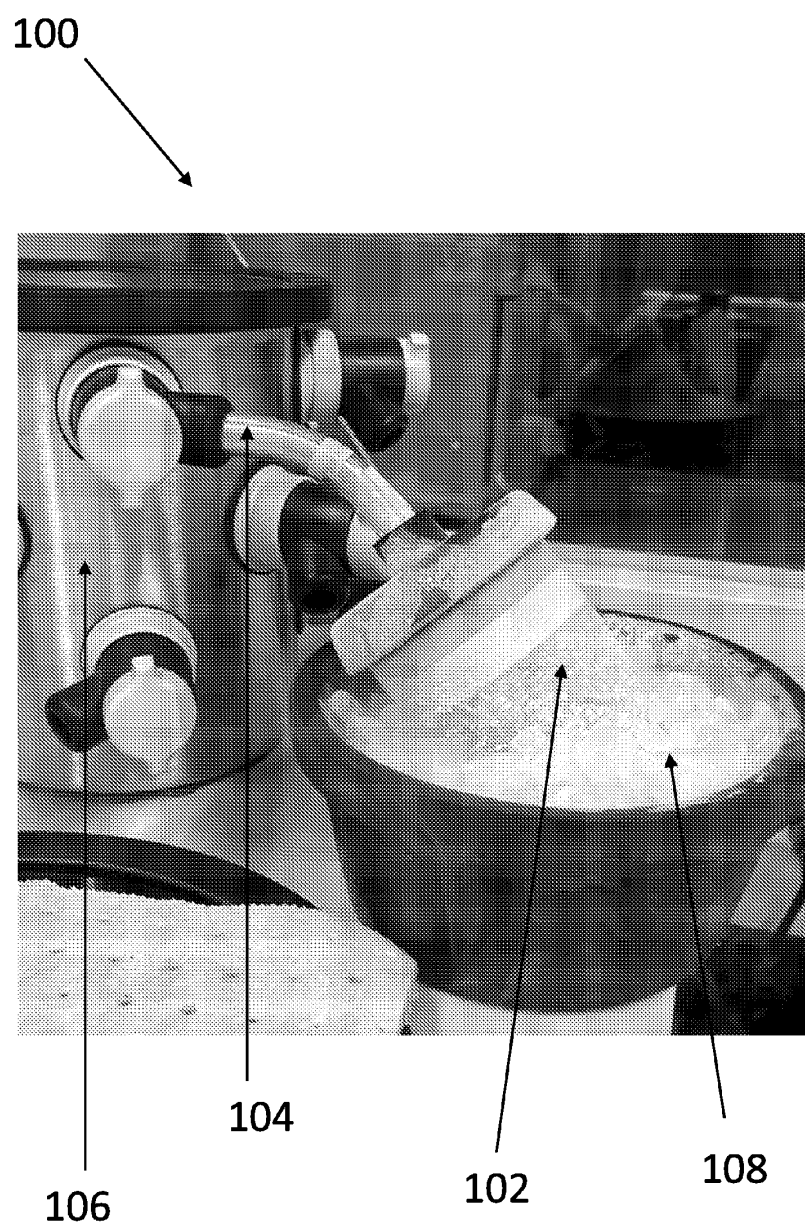


FIG. 2

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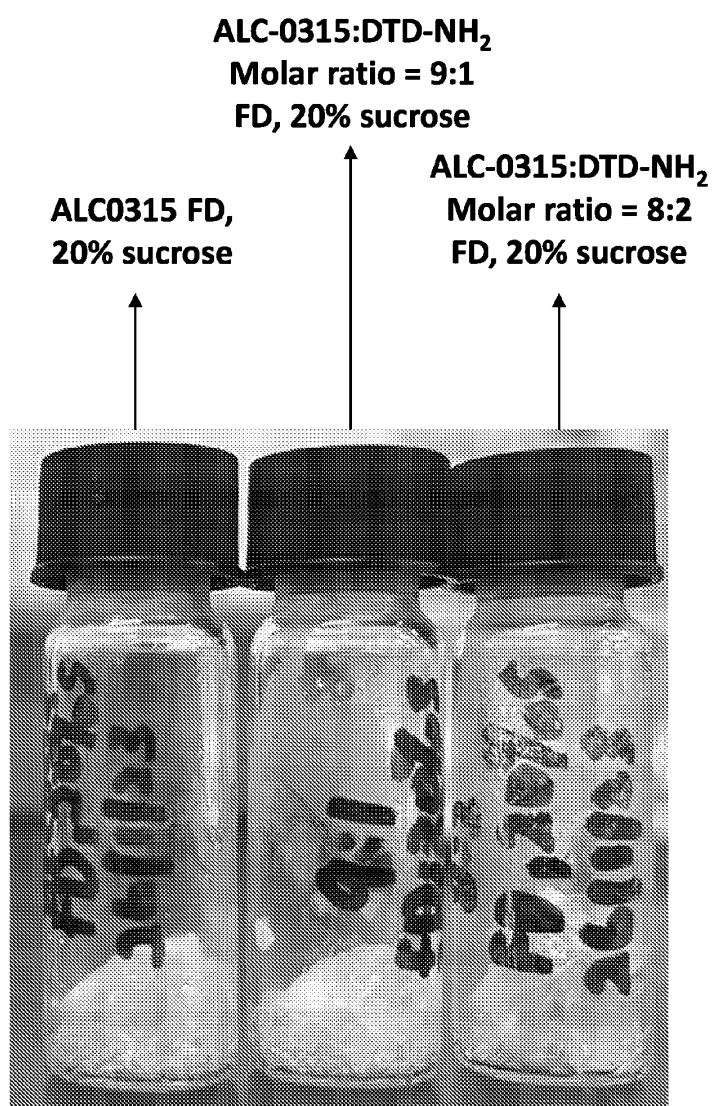


FIG. 3

ALC-0315 (before FD)

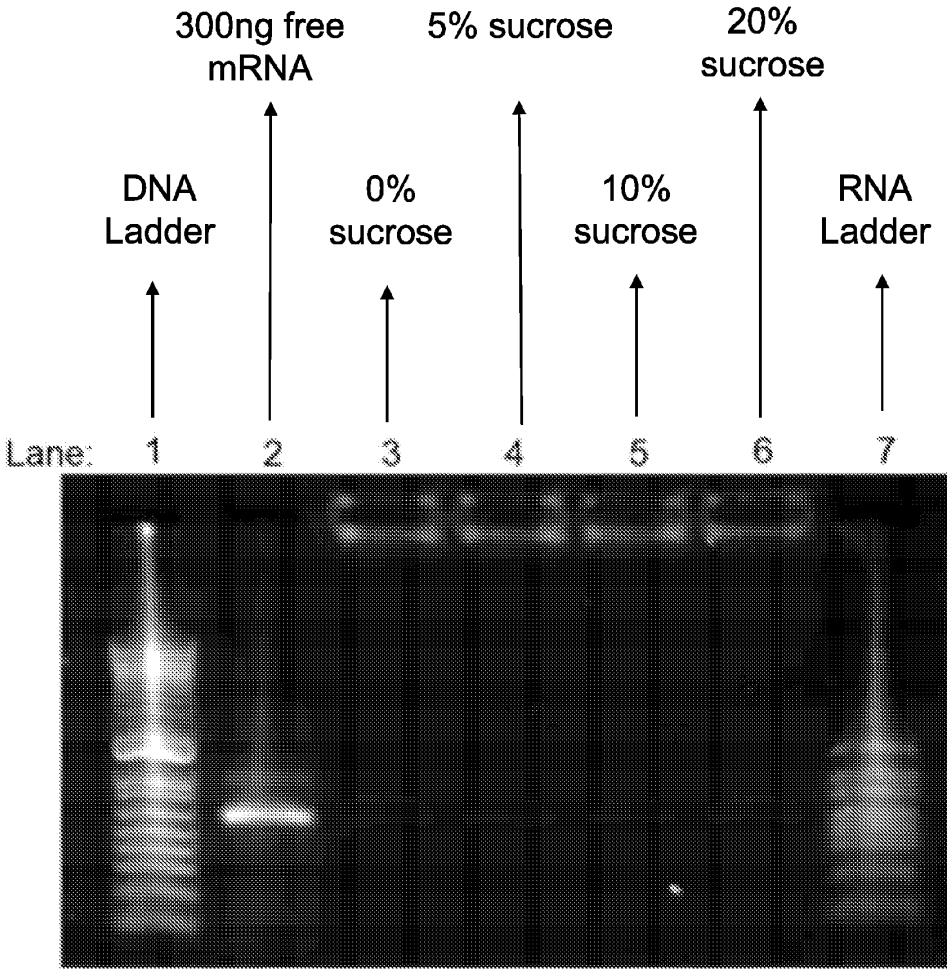


FIG. 4

ALC-0315 (after FD)

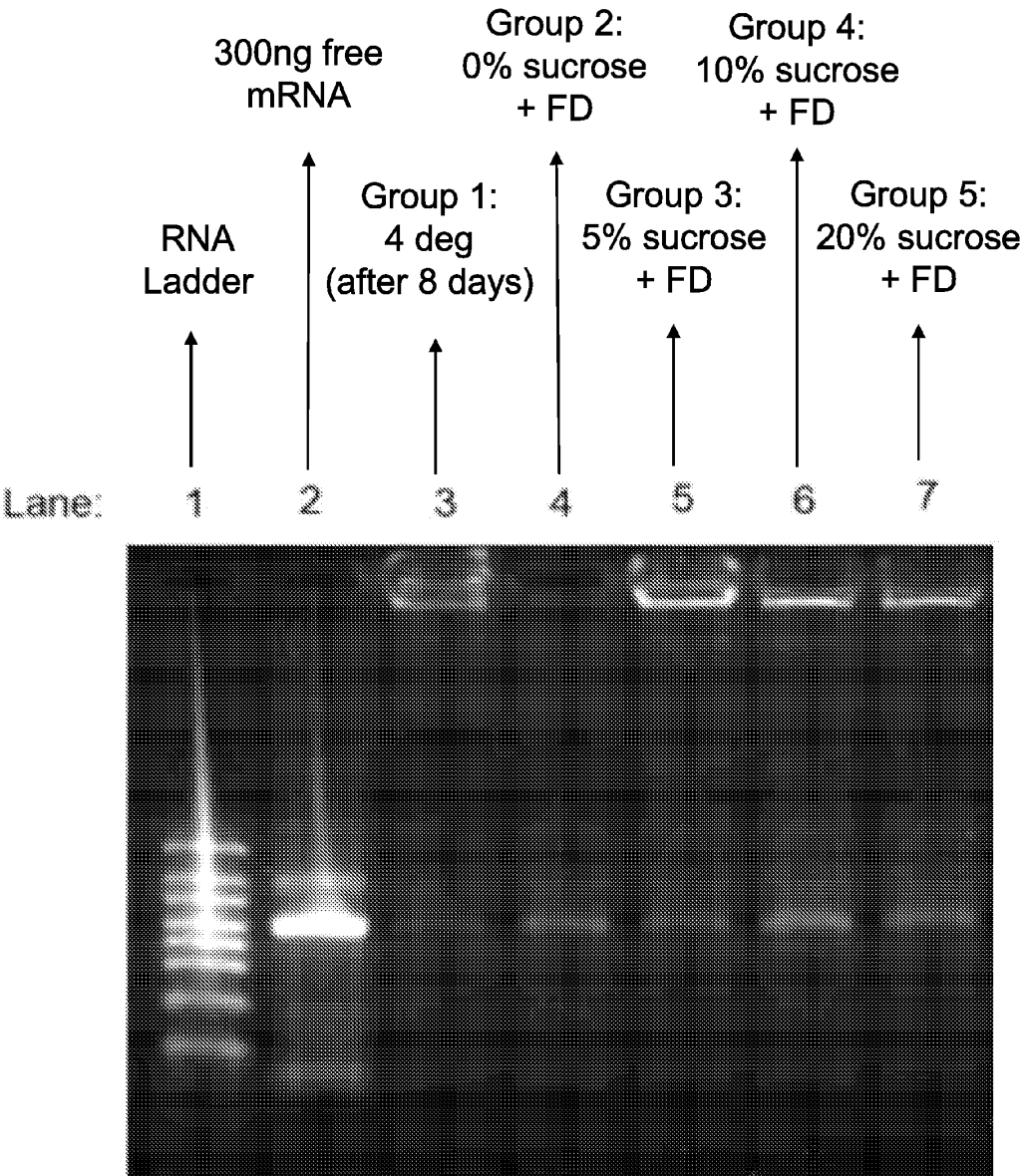


FIG. 5

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DTD-NH₂ LNP (before FD)

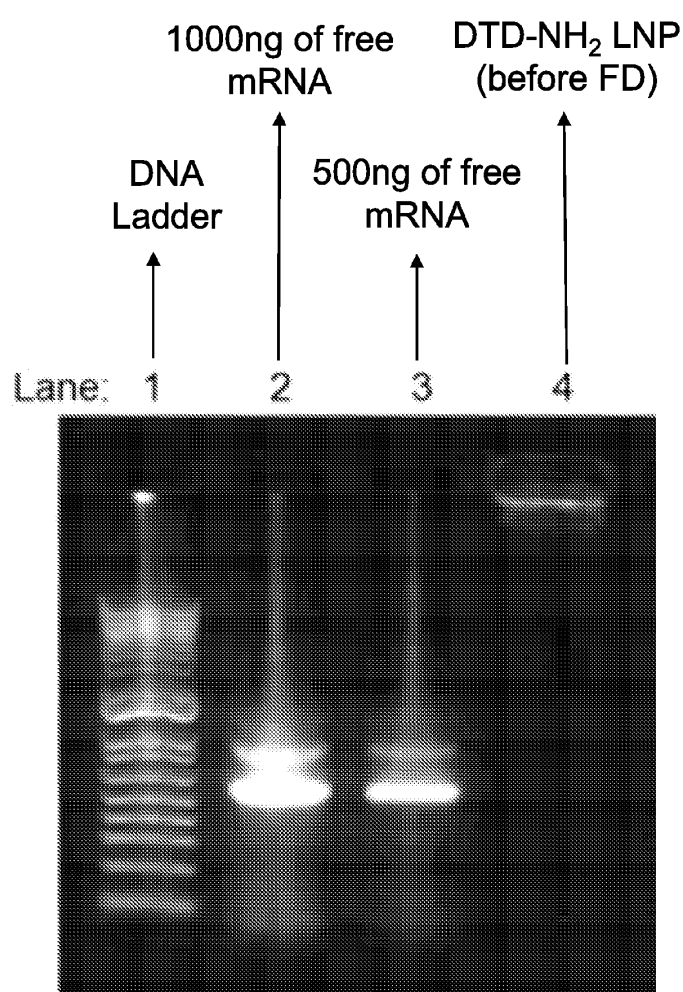


FIG. 6

**DTD-NH₂ LNP
(after FD)**

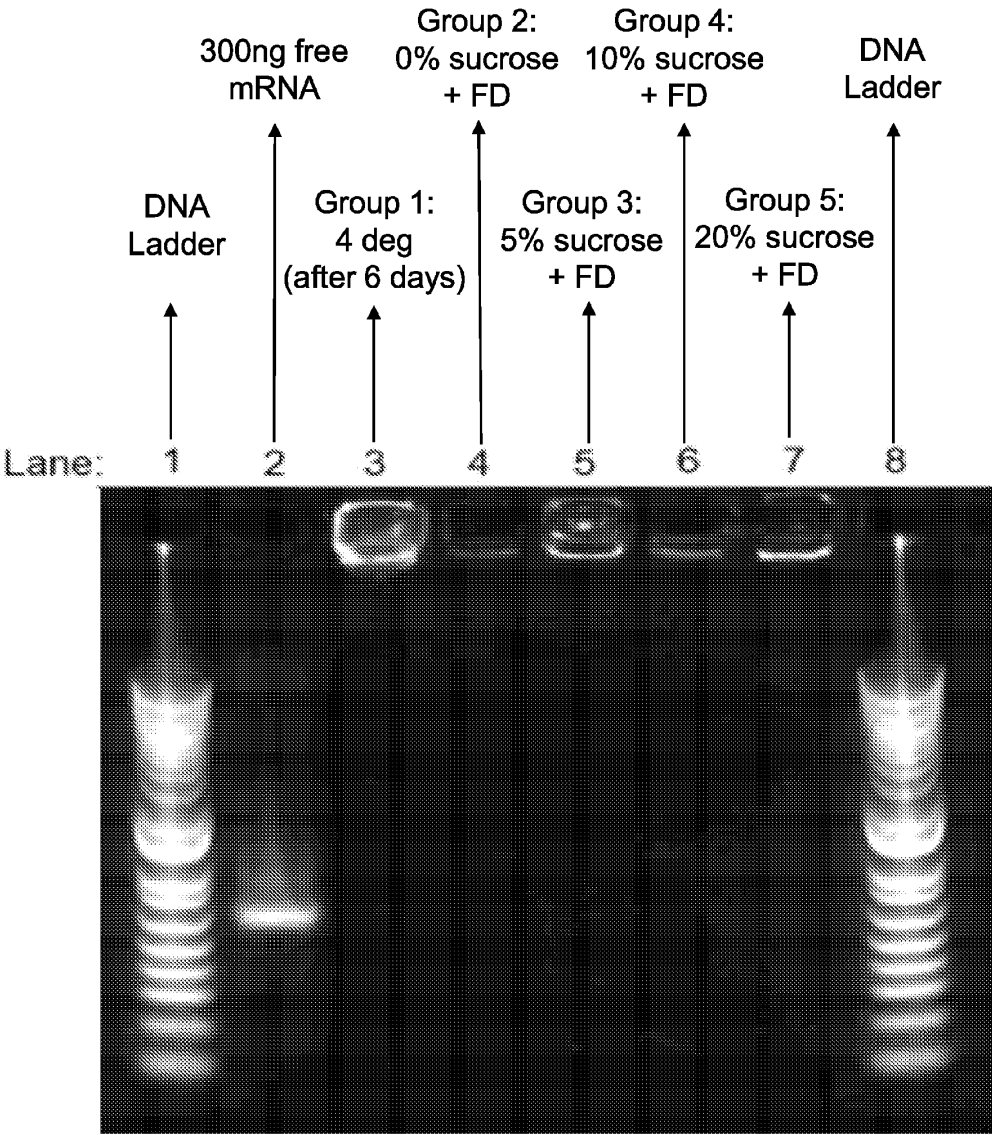


FIG. 7

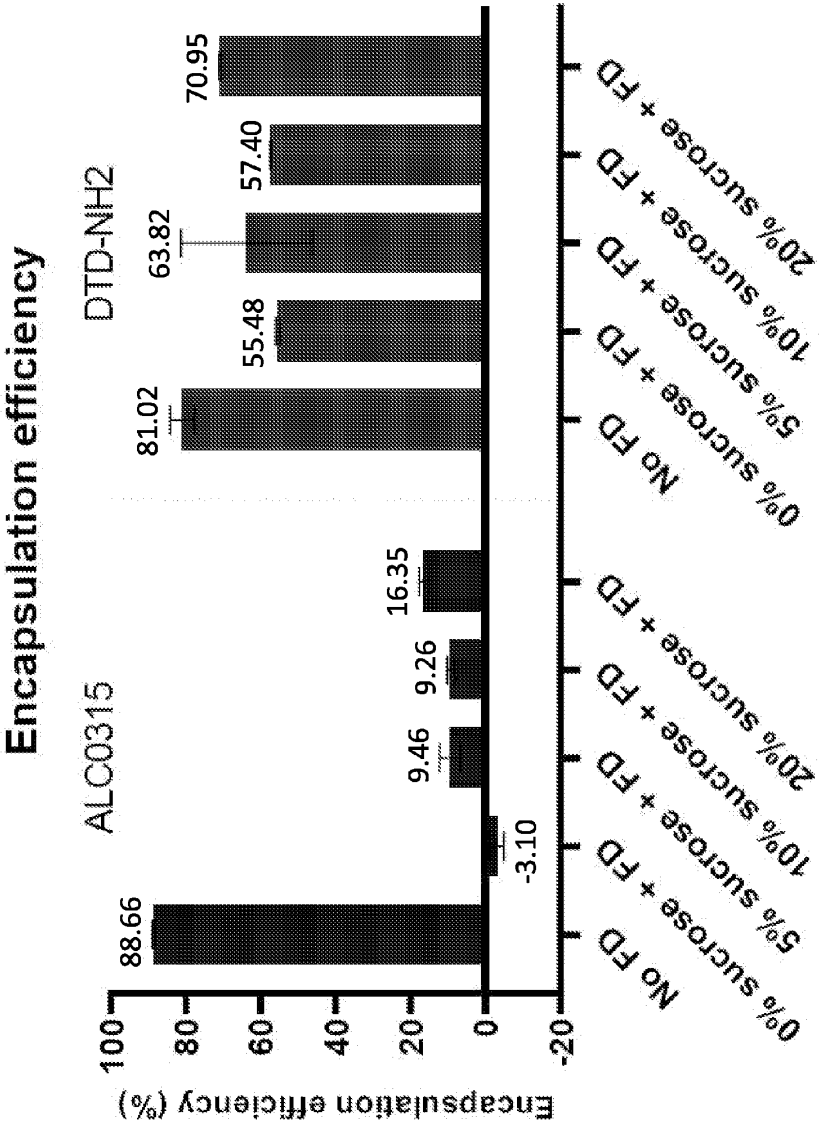


FIG. 8

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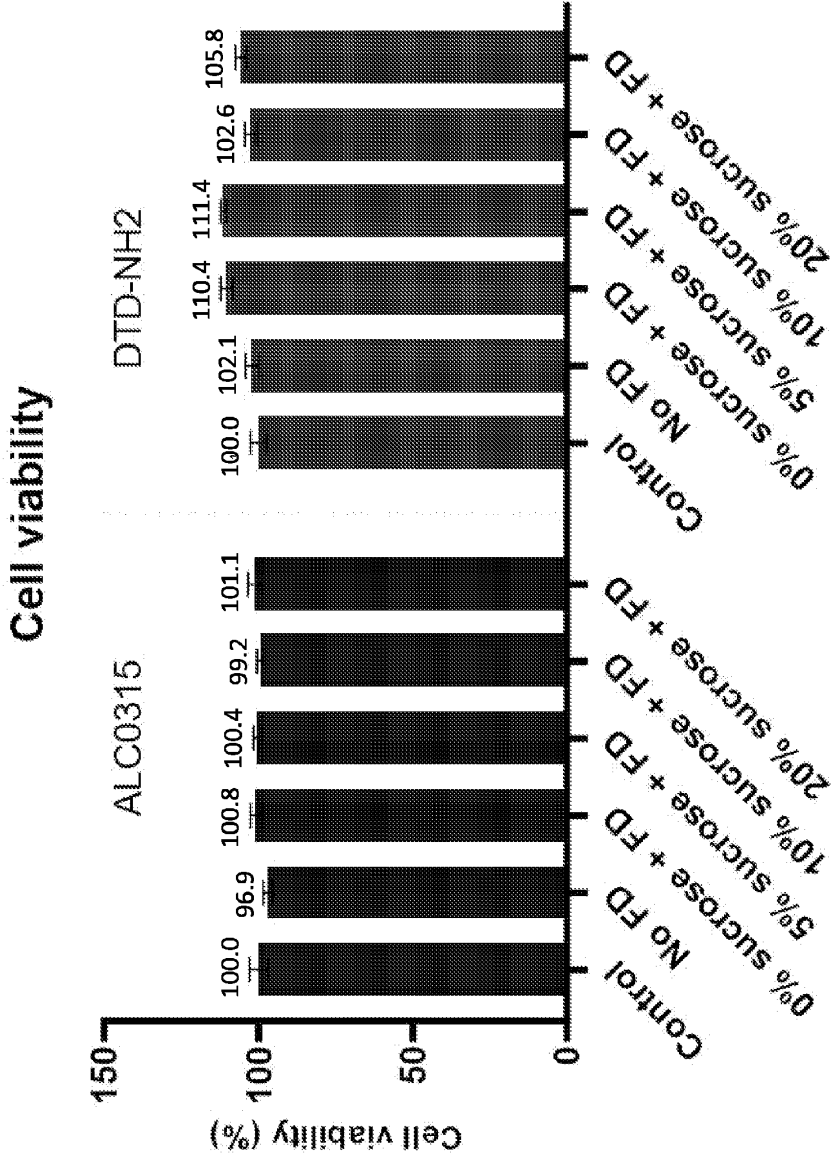


FIG. 9

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Transfection efficiency

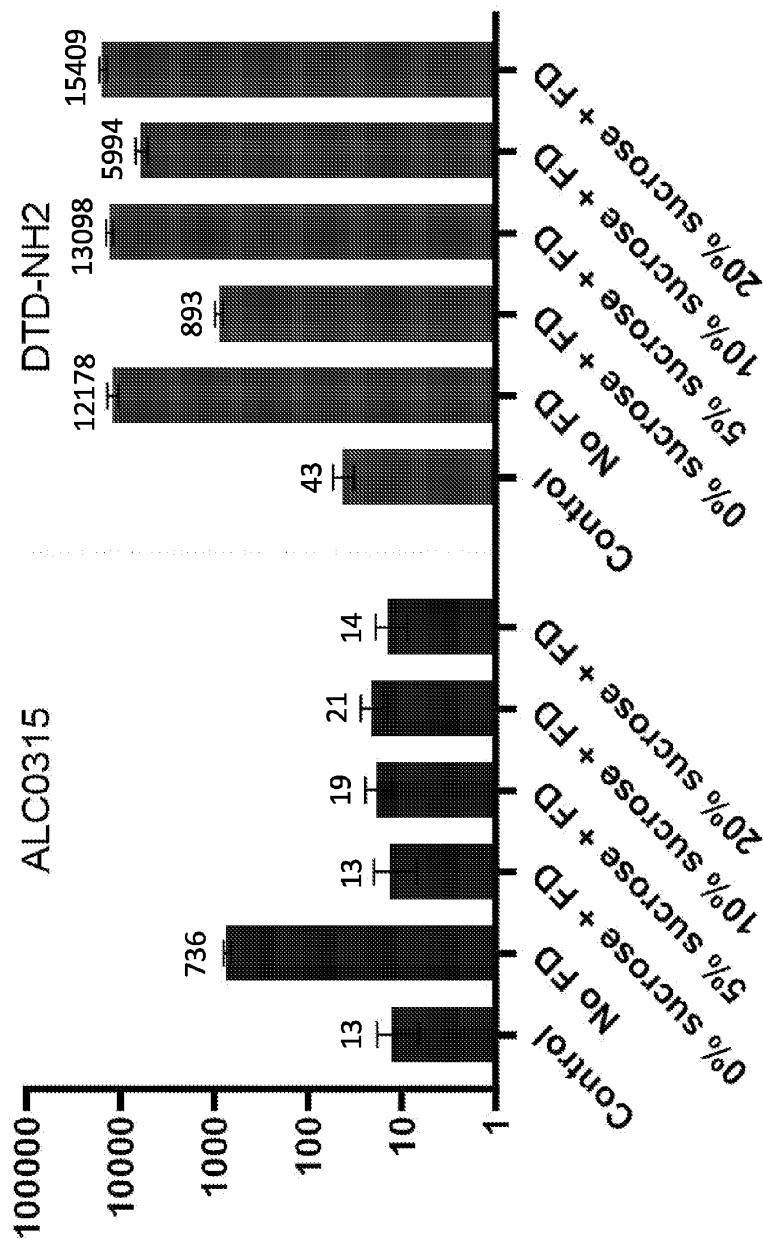


FIG. 10

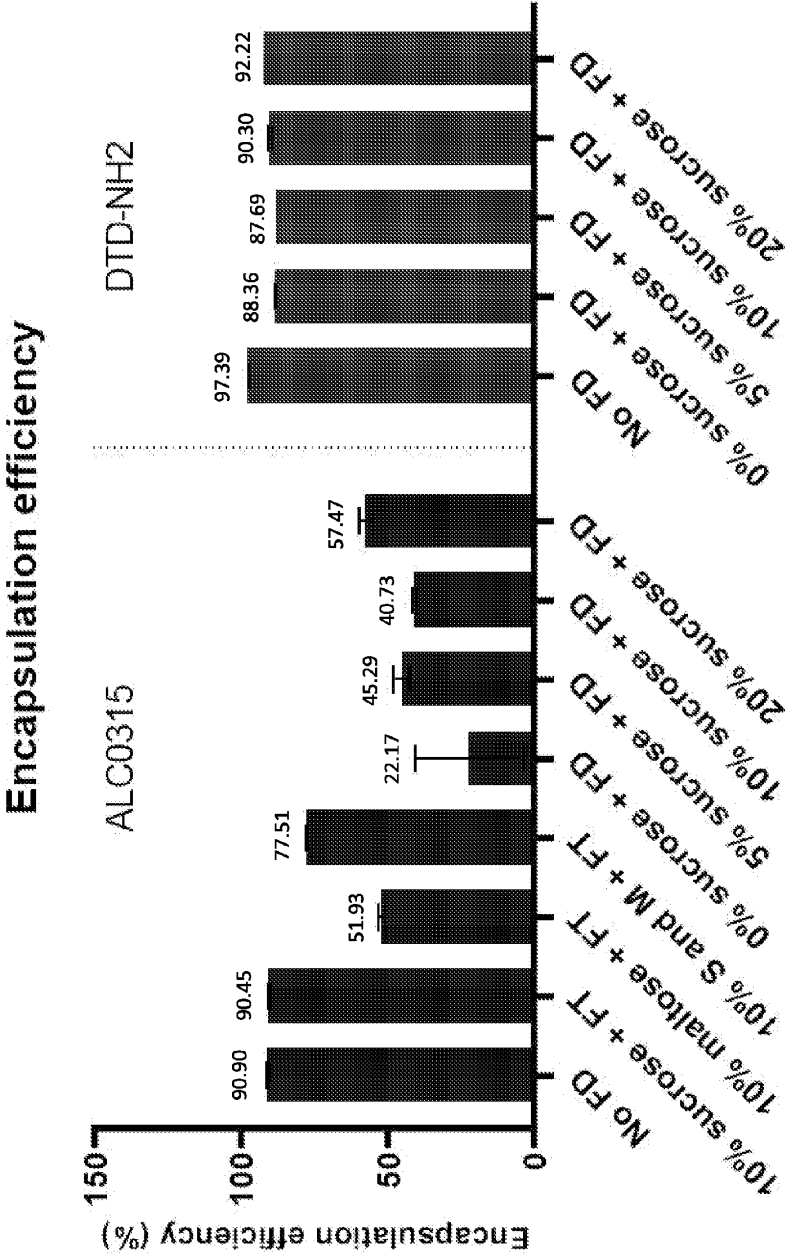


FIG. 11

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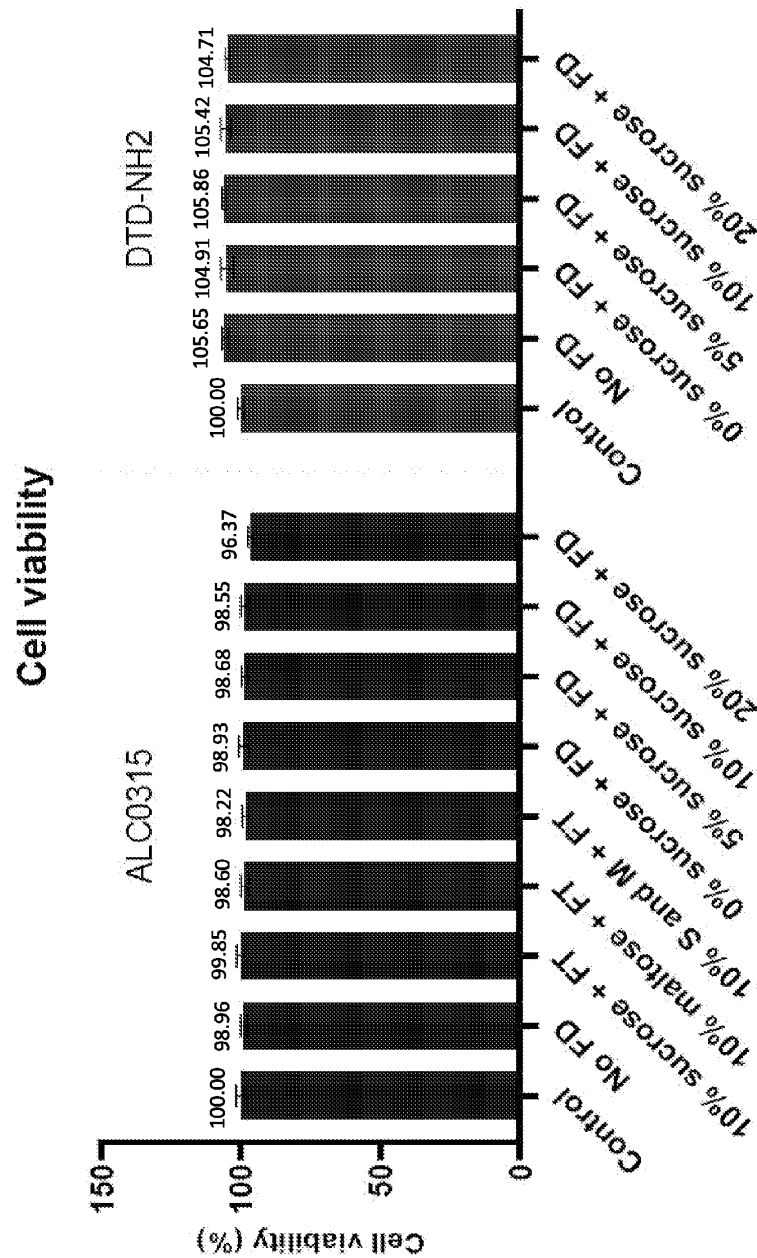


FIG. 12

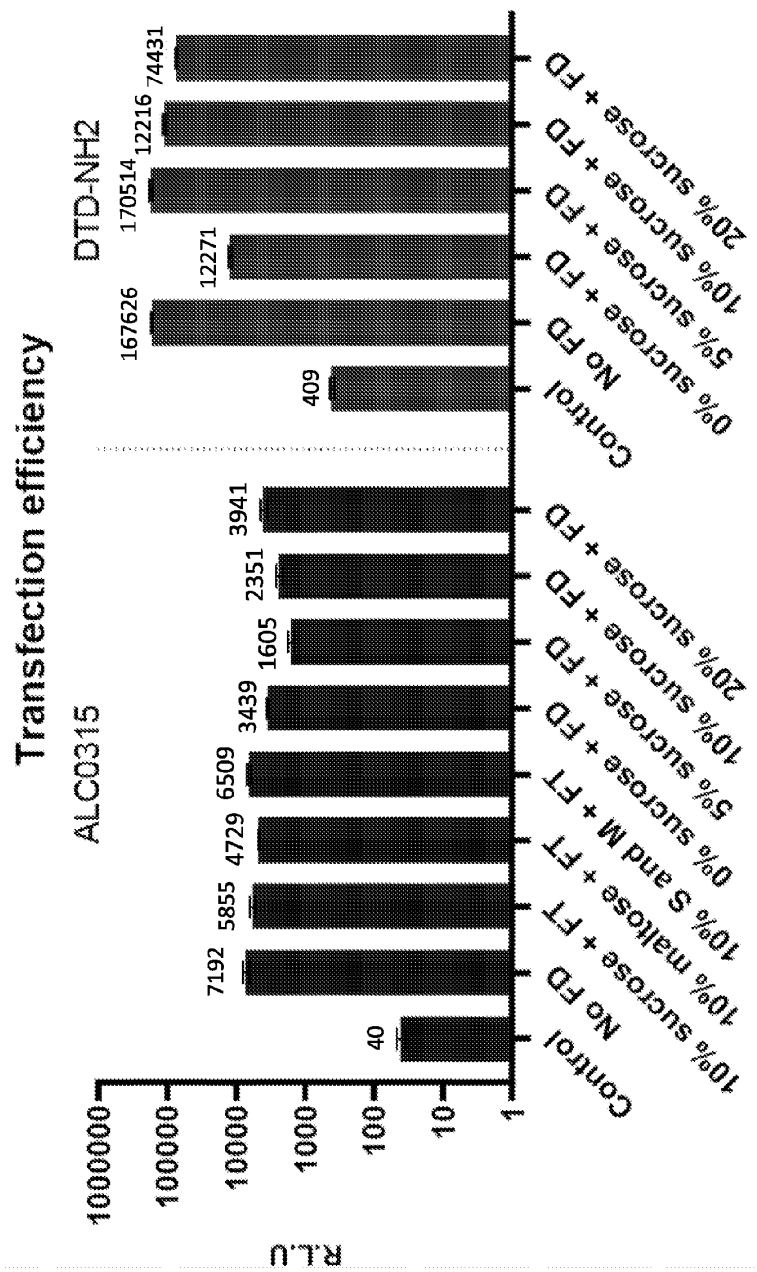


FIG. 13

ALC-0315 (Before FD)

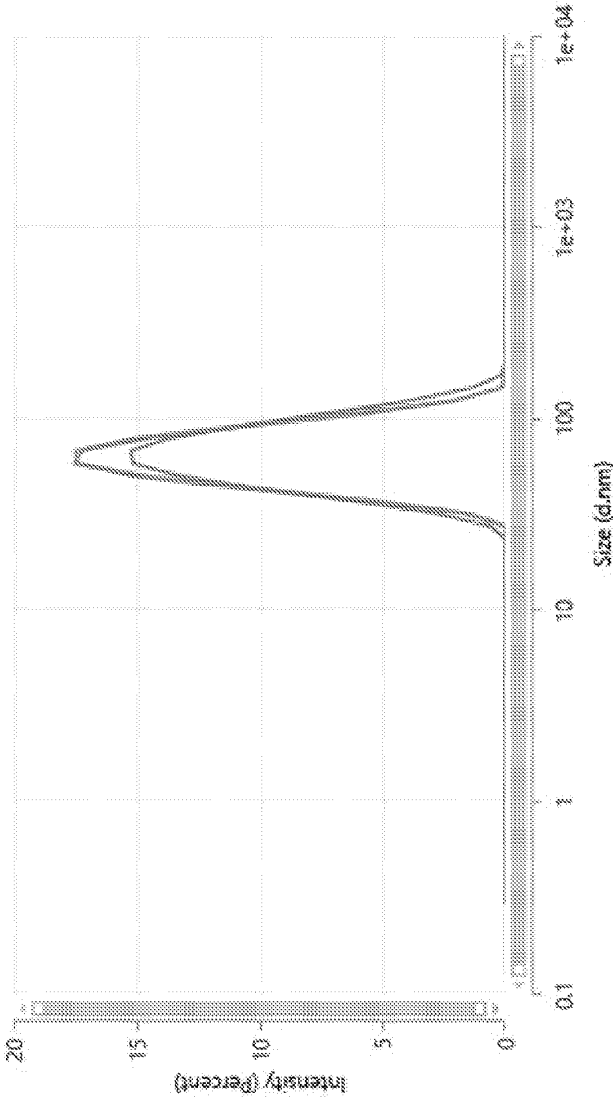


FIG. 14

ALC-0315:DTD-NH₂ (9:1)
(Before FD)

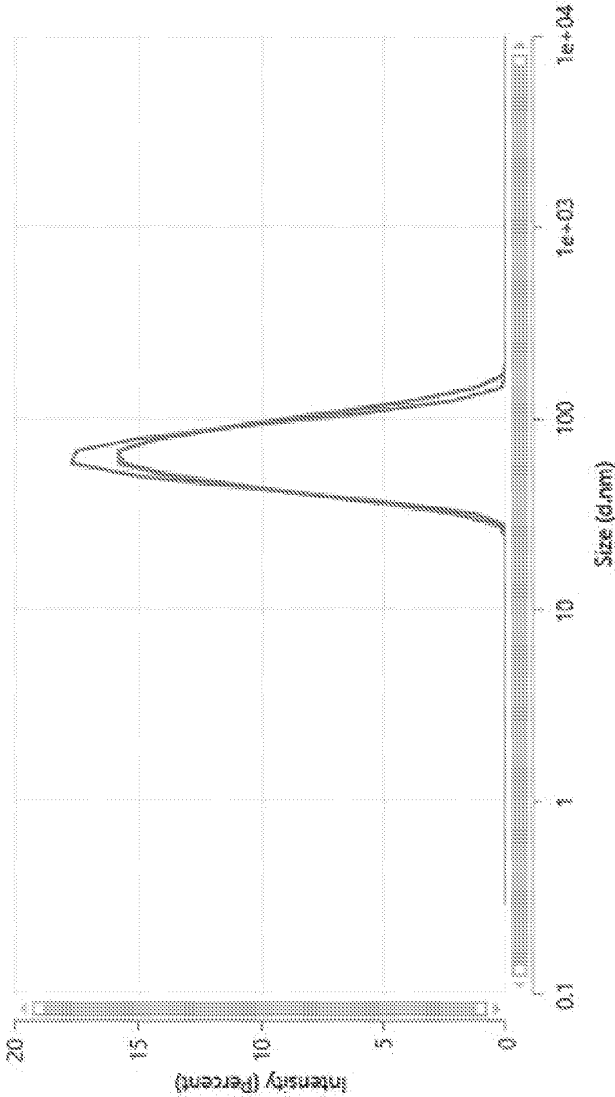


FIG. 15

ALC-0315:DTD-NH₂ (8:2)
(Before FD)

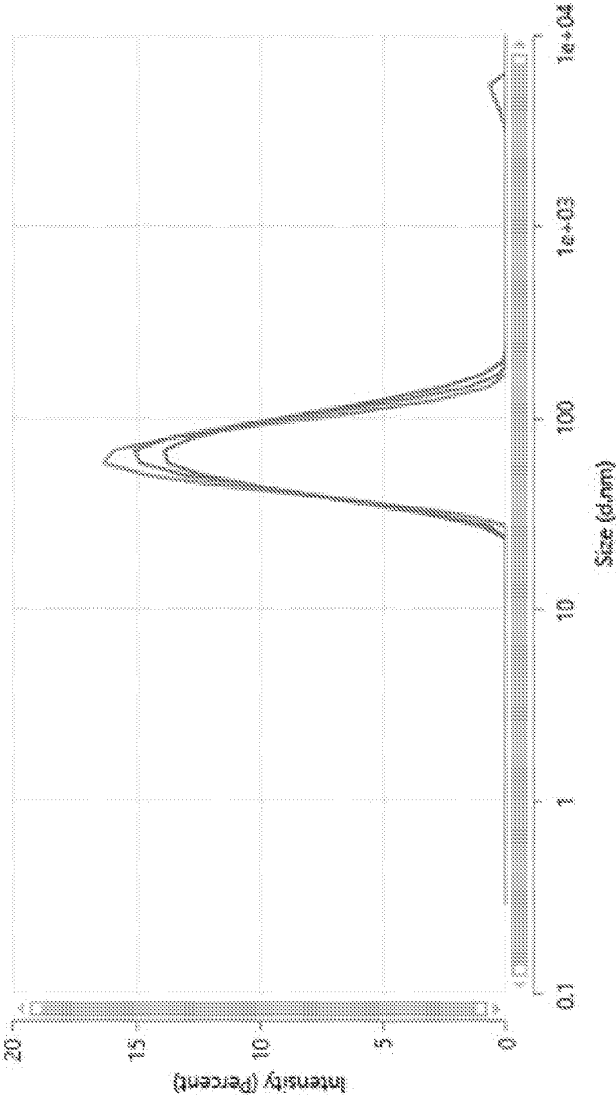


FIG. 16

ALC-0315
(without FD, 0% sucrose)

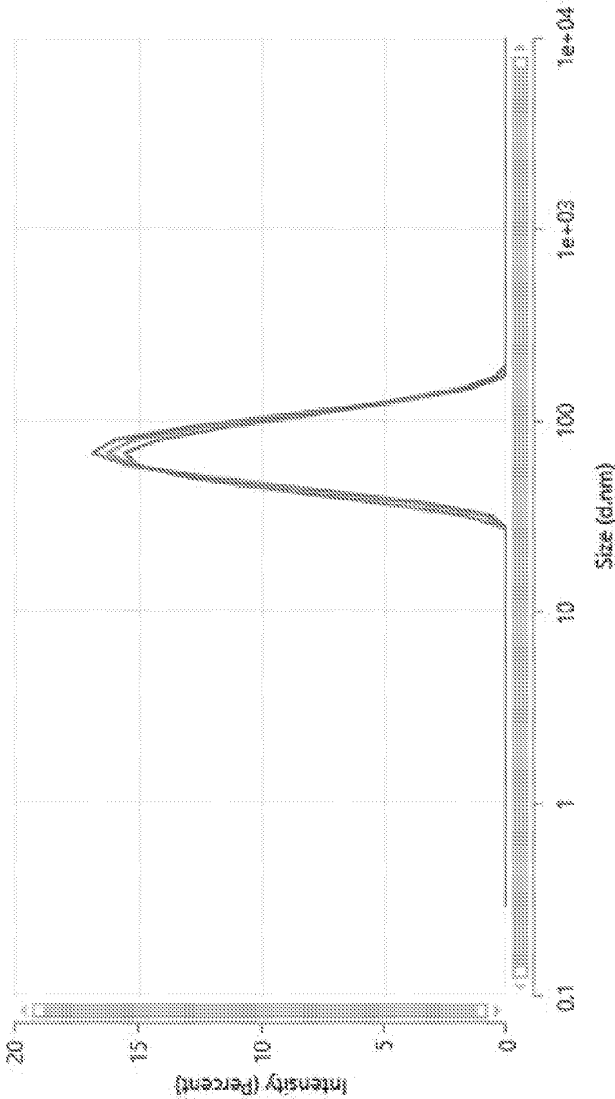


FIG. 17

ALC-0315
(without FD, 20% sucrose)

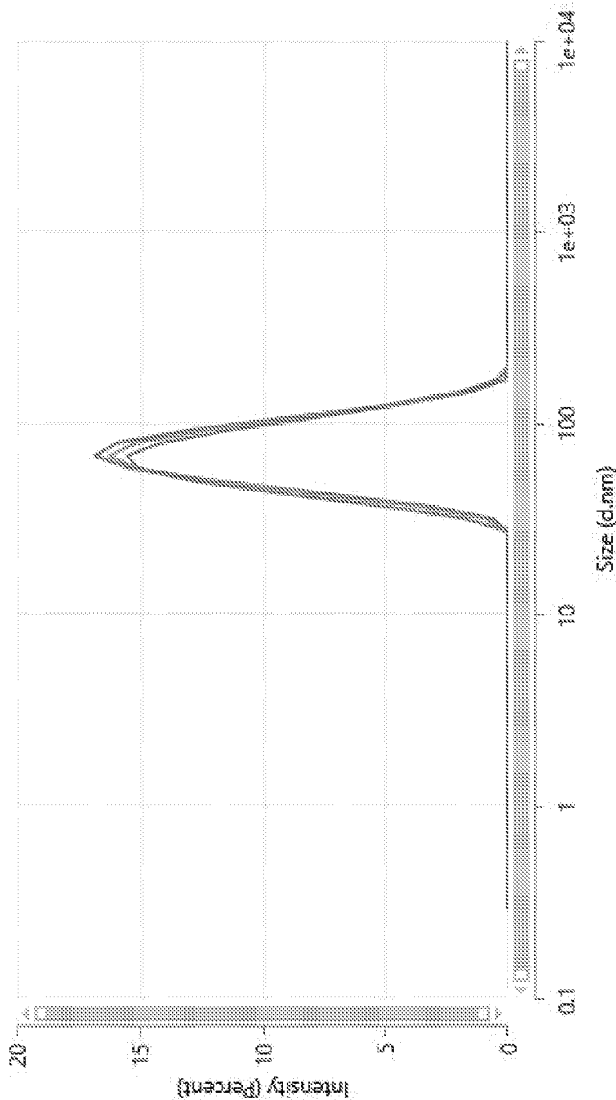


FIG. 18

ALC-0315
(after FT, 20% sucrose)

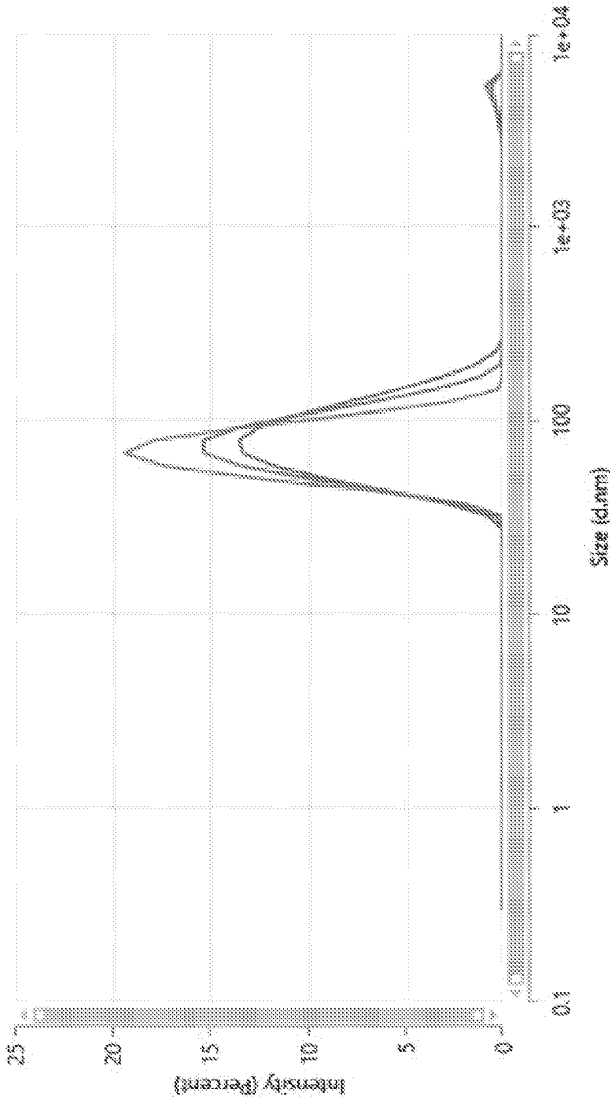


FIG. 19

ALC:DTD (9:1)
(after FT, 20% sucrose)

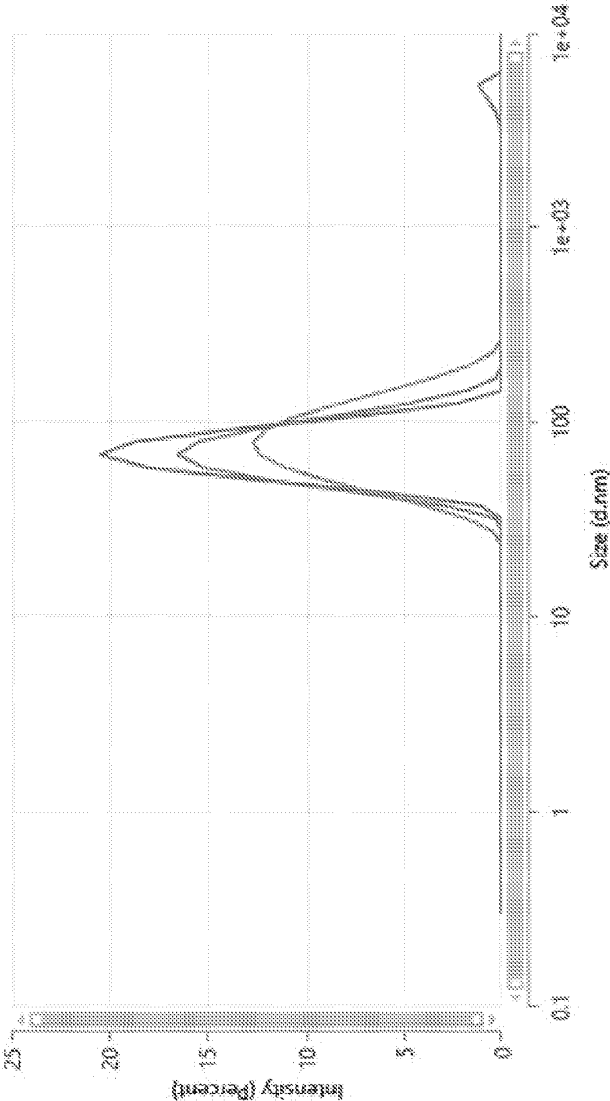


FIG. 20

ALC:DTD (8:2)
(after FT, 20% sucrose)

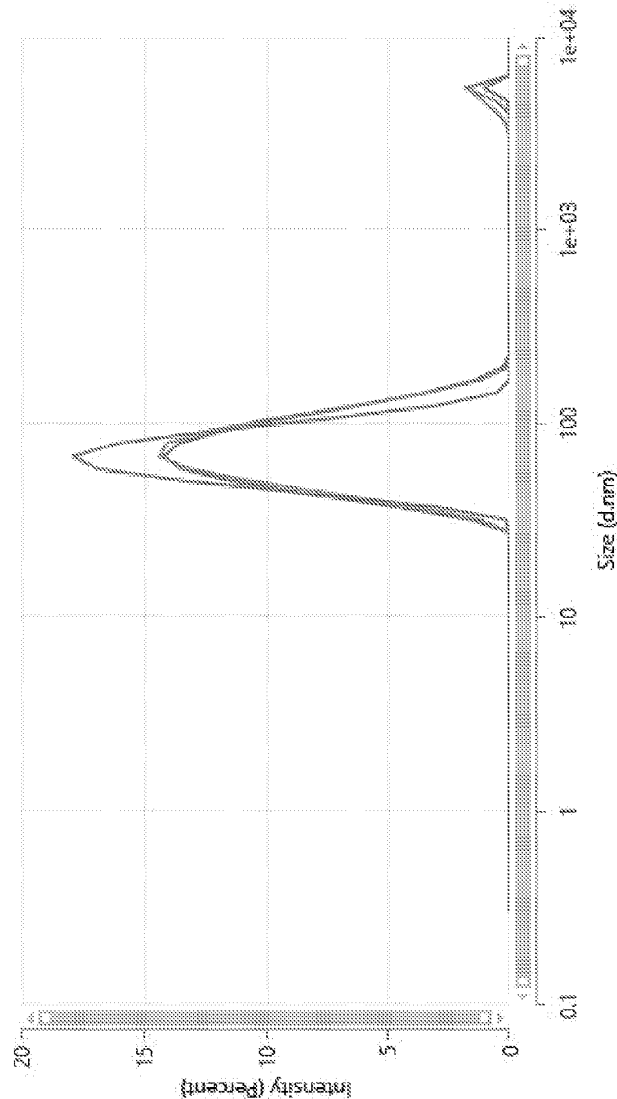


FIG. 21

ALC-0315
(after FD, 0% sucrose)

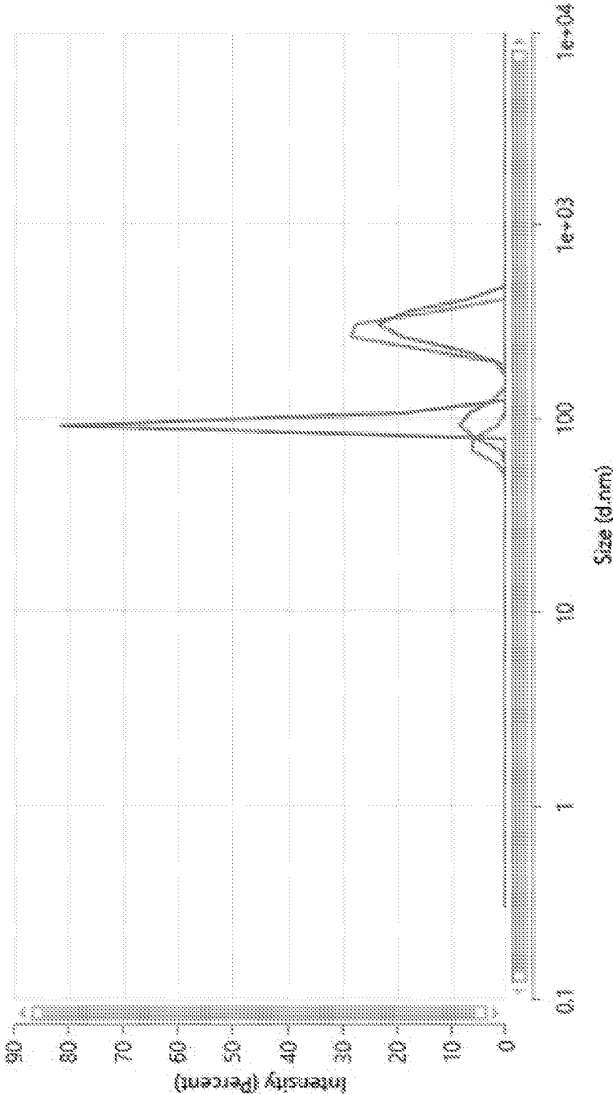


FIG. 22

ALC:DTD (9:1)
(after FD, 0% sucrose)

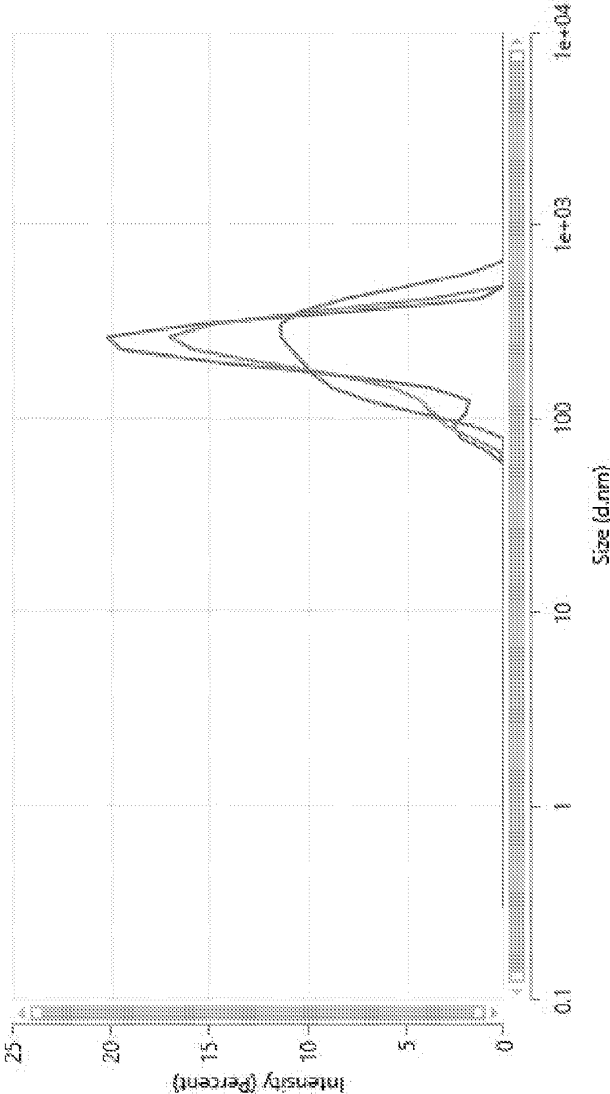


FIG. 23

ALC:DTD (8:2)
(after FD, 0% sucrose)

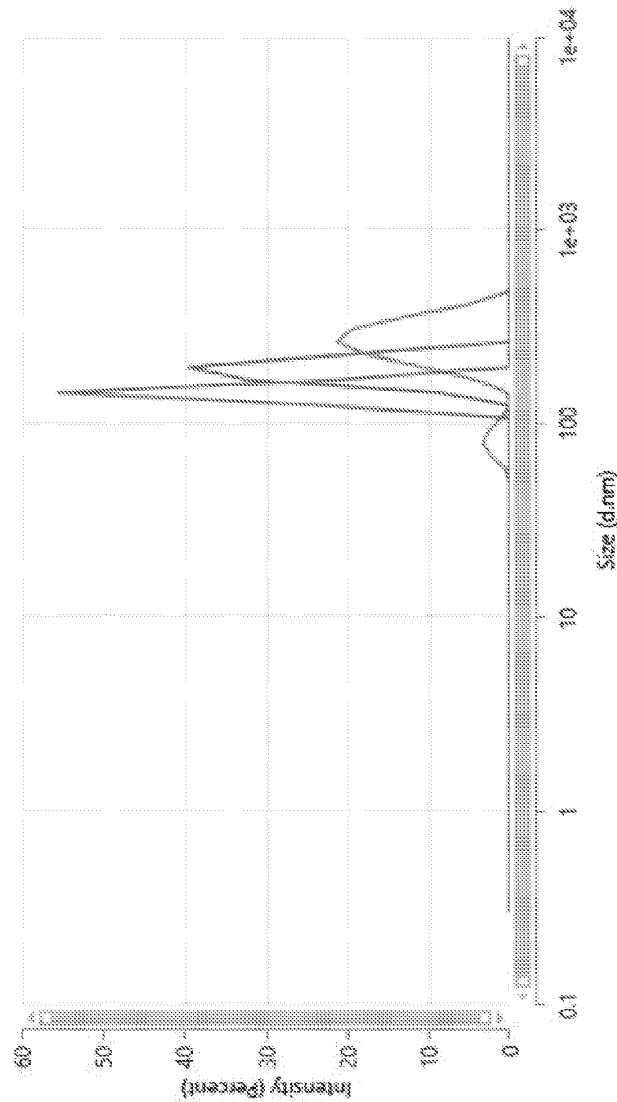


FIG. 24

ALC-0315
(after FD, 20% sucrose)

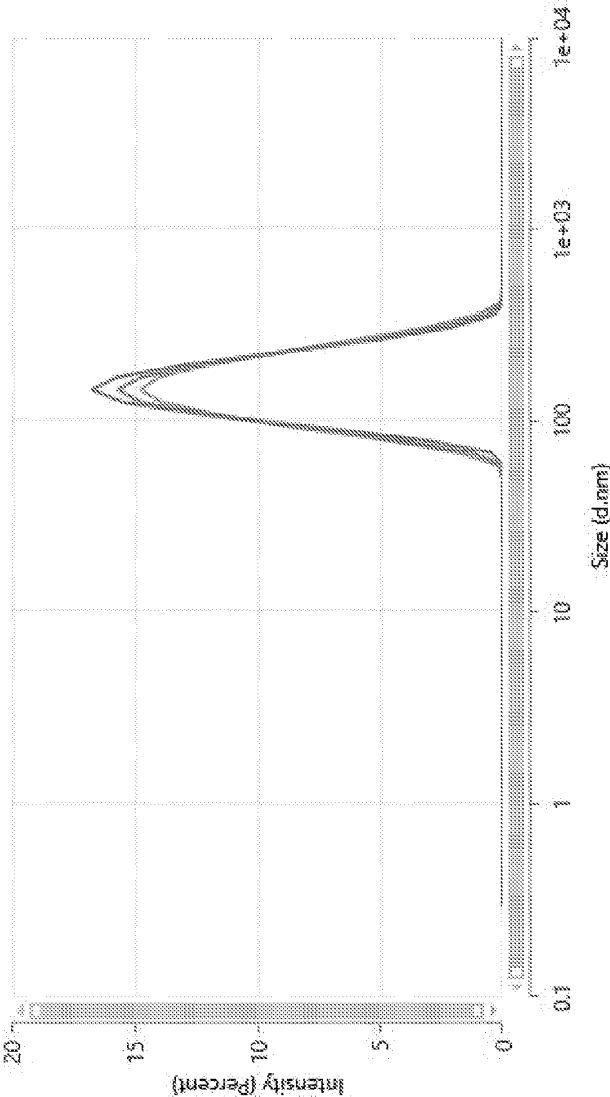


FIG. 25

ALC:DTD (9:1)
(after FD, 20% sucrose)

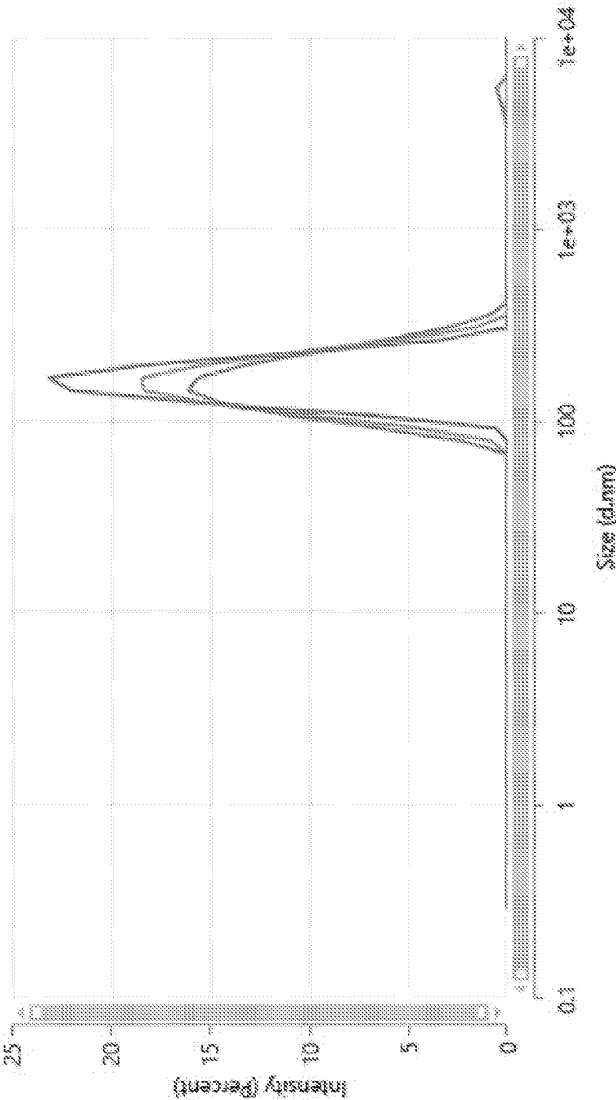


FIG. 26

ALC:DTD (8:2)
(after FD, 20% sucrose)

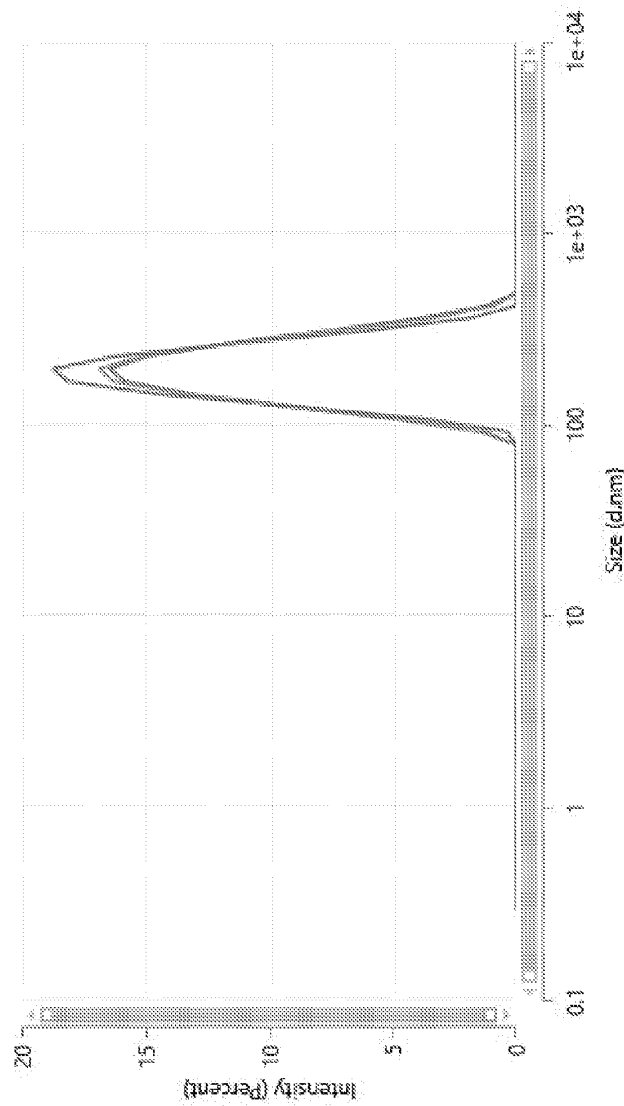


FIG. 27

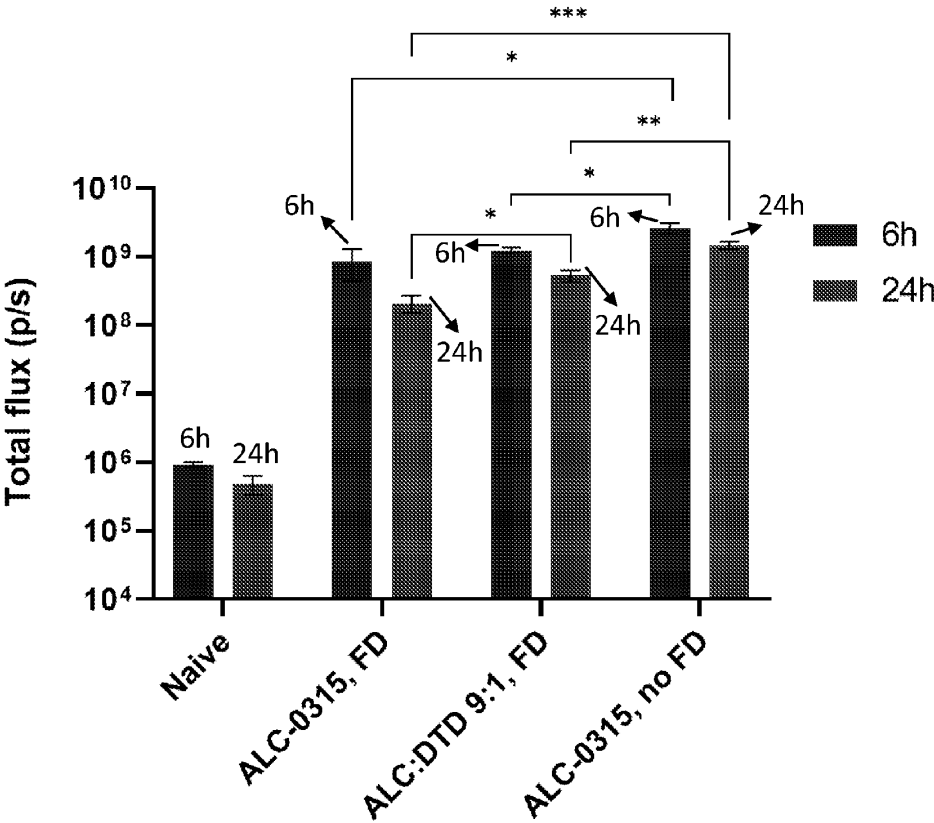


FIG. 28

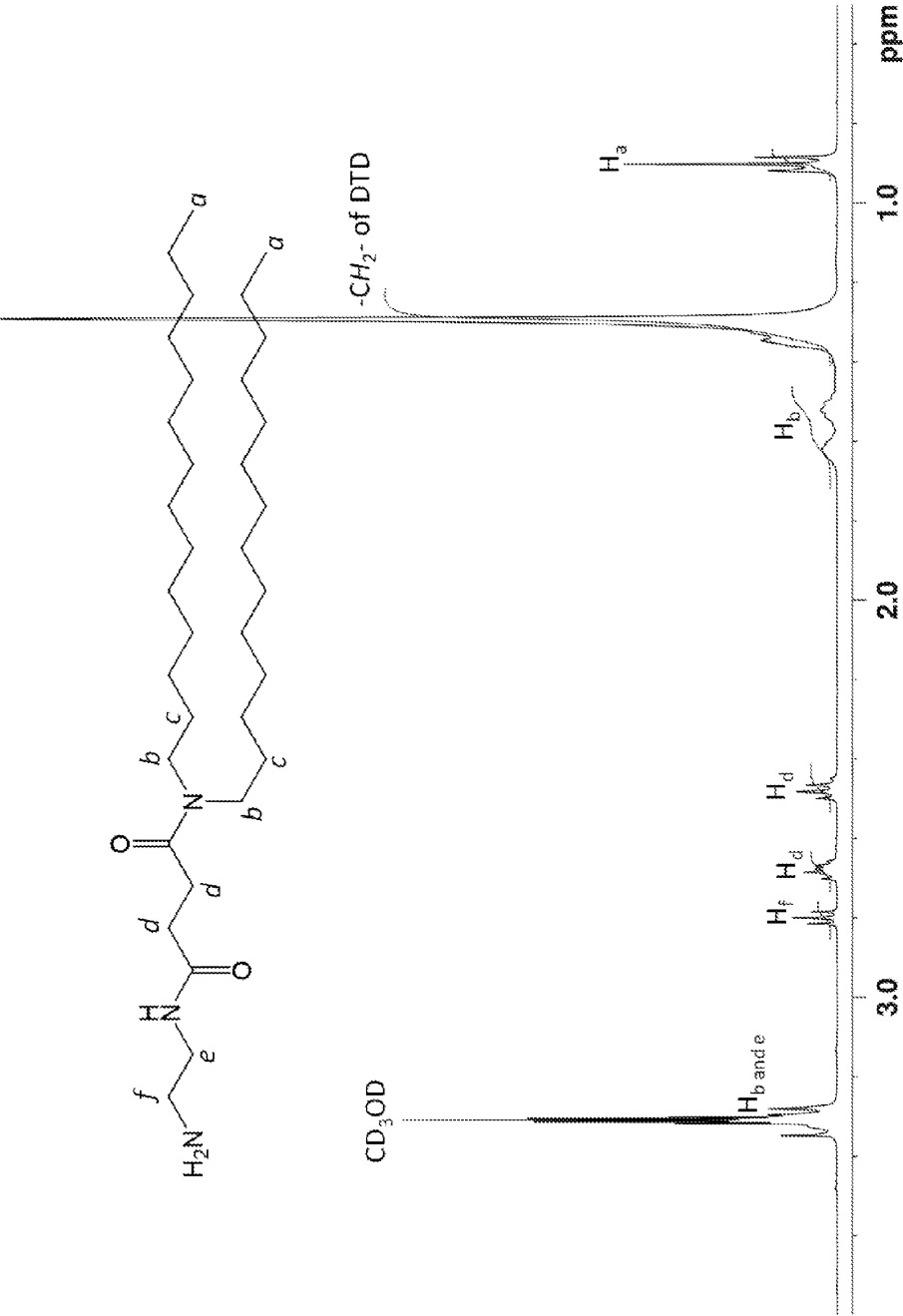


FIG. 29