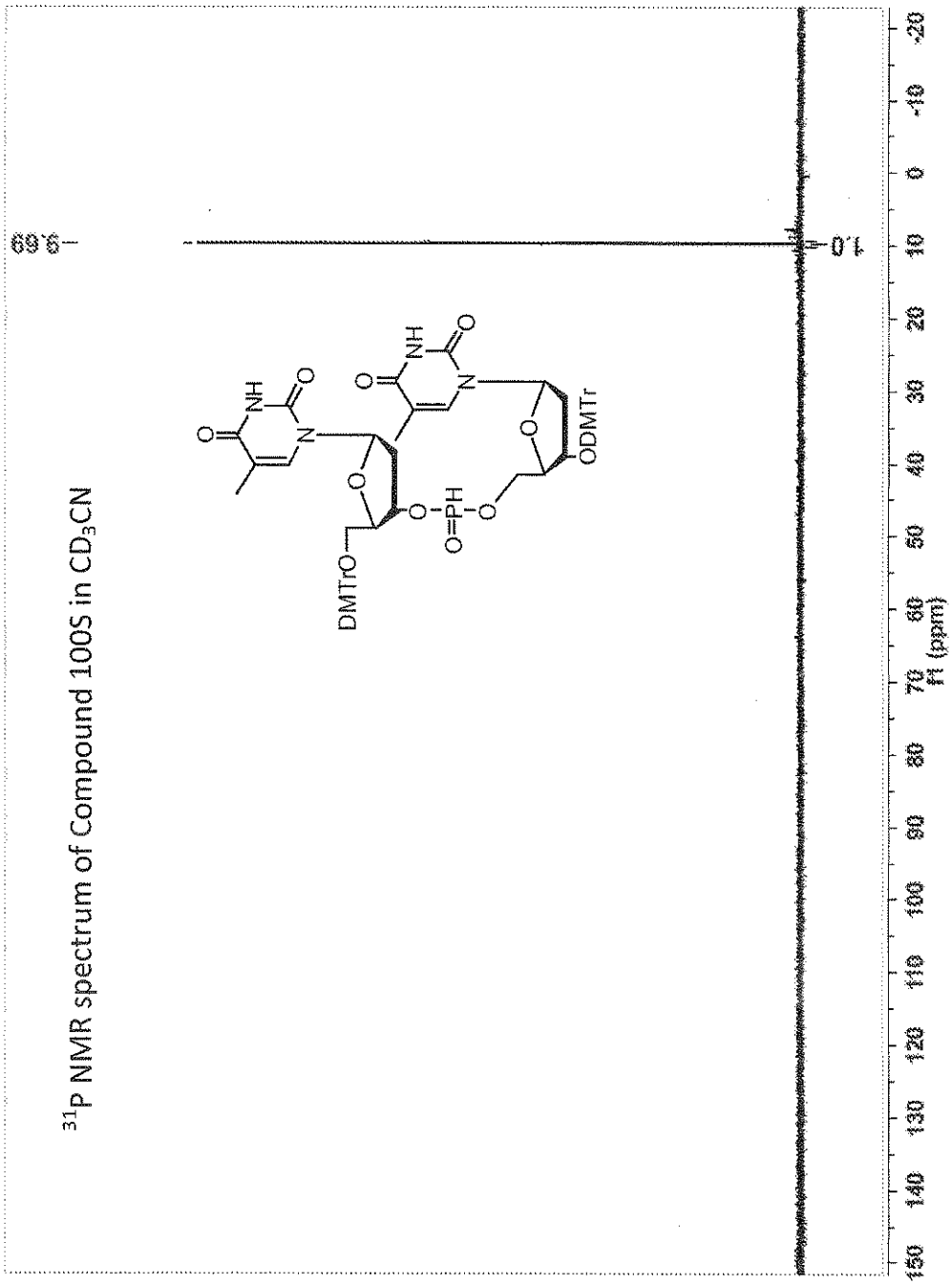

^{31}P NMR spectrum of Compound 100S in CD_3CN
-9.69
1.0
DMTrO
O=PH
ODMTr
f1 (ppm)

FIG. 1

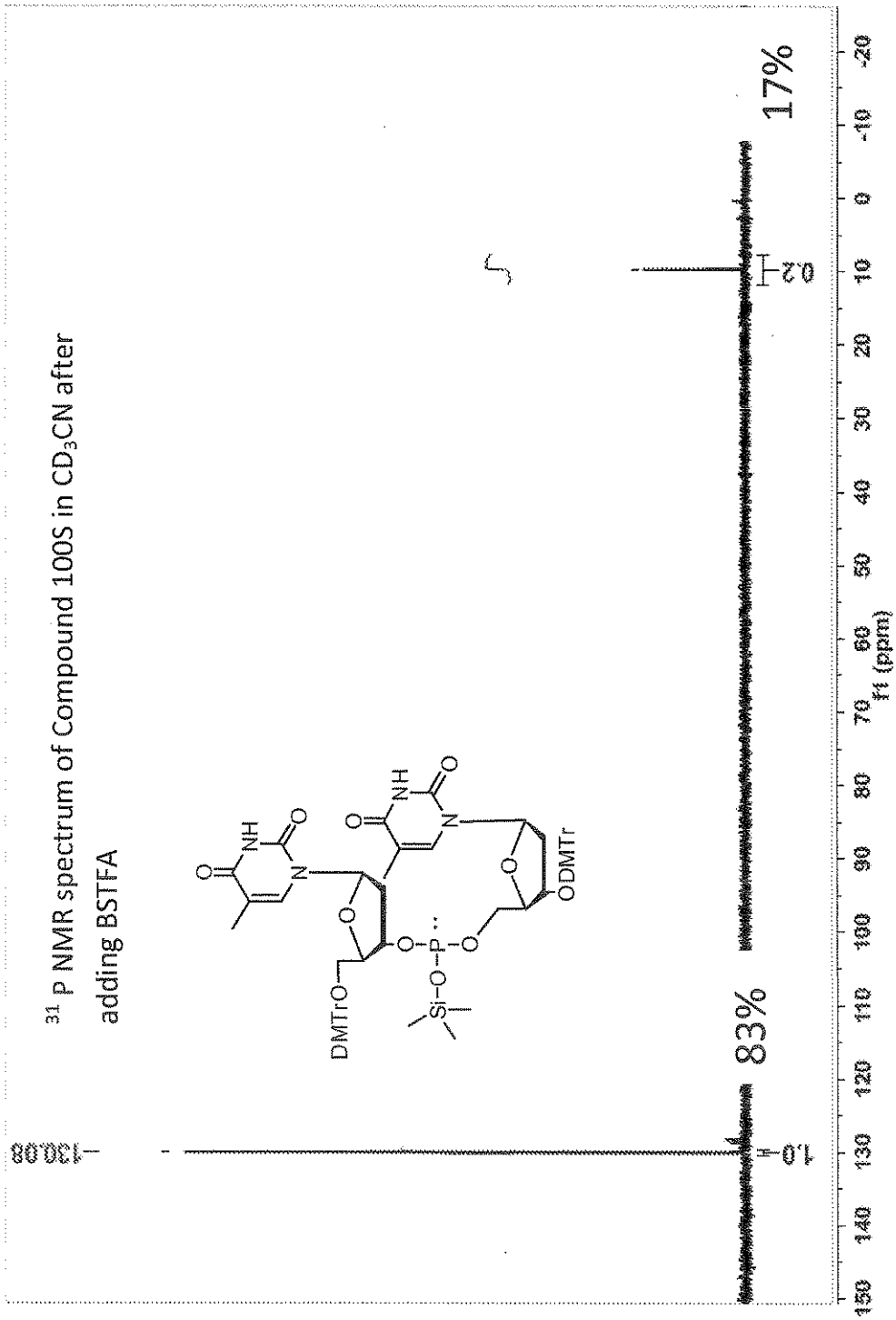

31 P NMR spectrum of Compound 100S in CD3CN after adding BSTFA
DMTrO
ODMTr
83%
17%
f1 (ppm)

FIG. 2

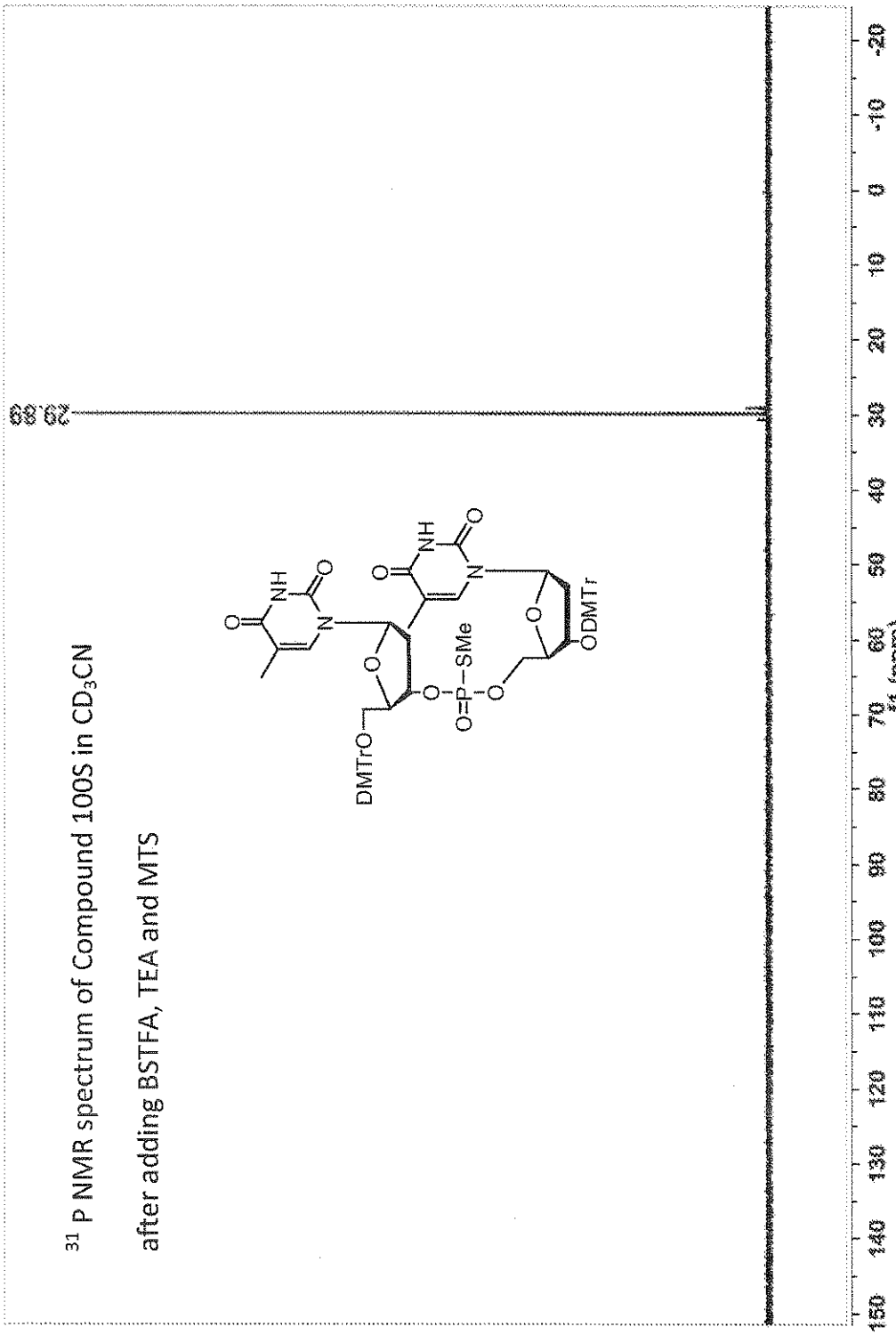

31 P NMR spectrum of Compound 100S in CD3CN
after adding BSTFA, TEA and MTS
29.89
DMTrO
O=P–SMe
ODMTr
f1 (ppm)

FIG. 3

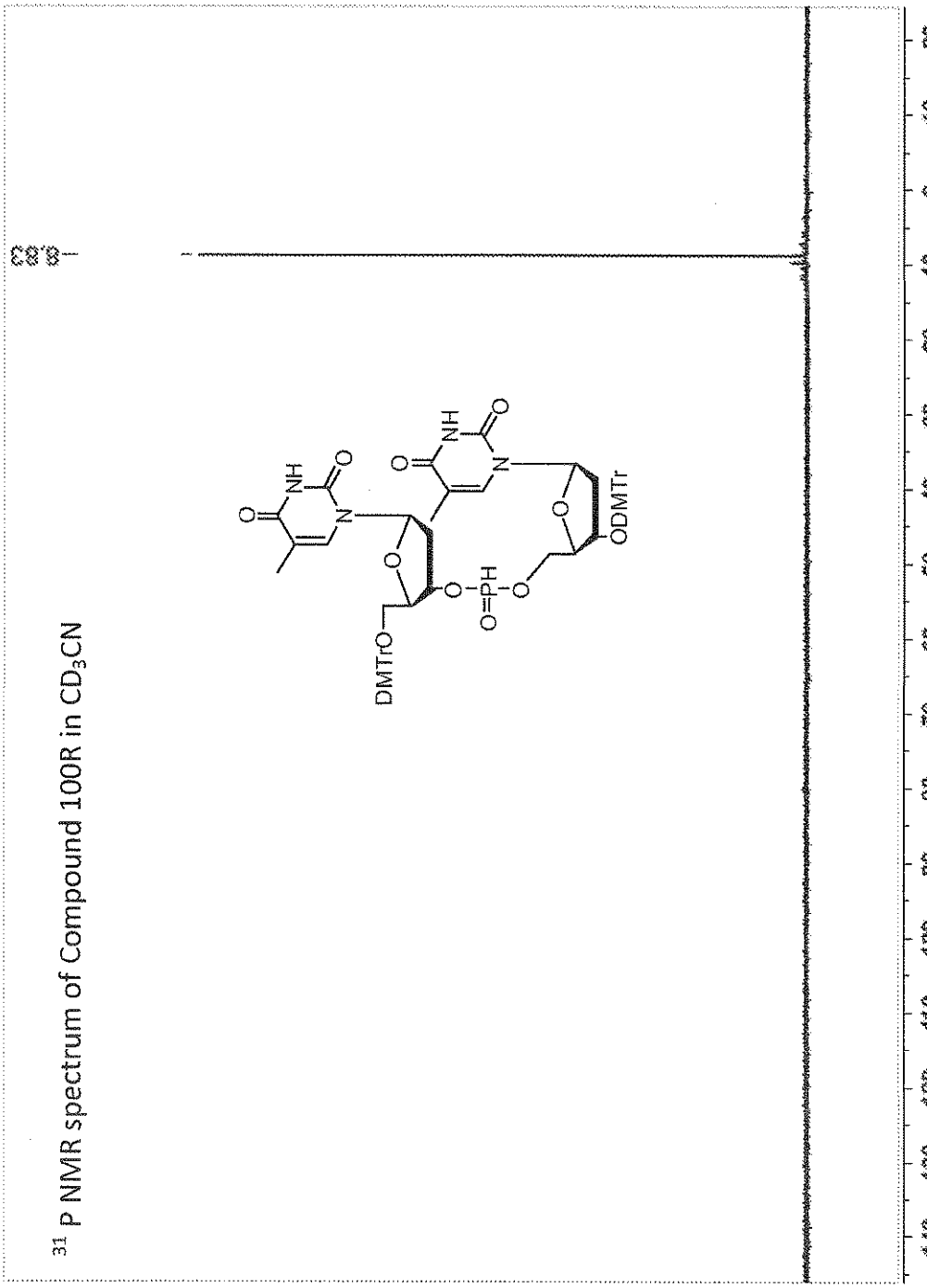

^{31}P NMR spectrum of Compound 100R in CD_3CN
DMTrO
O=PH
ODMTr
f1 (ppm)

FIG. 4

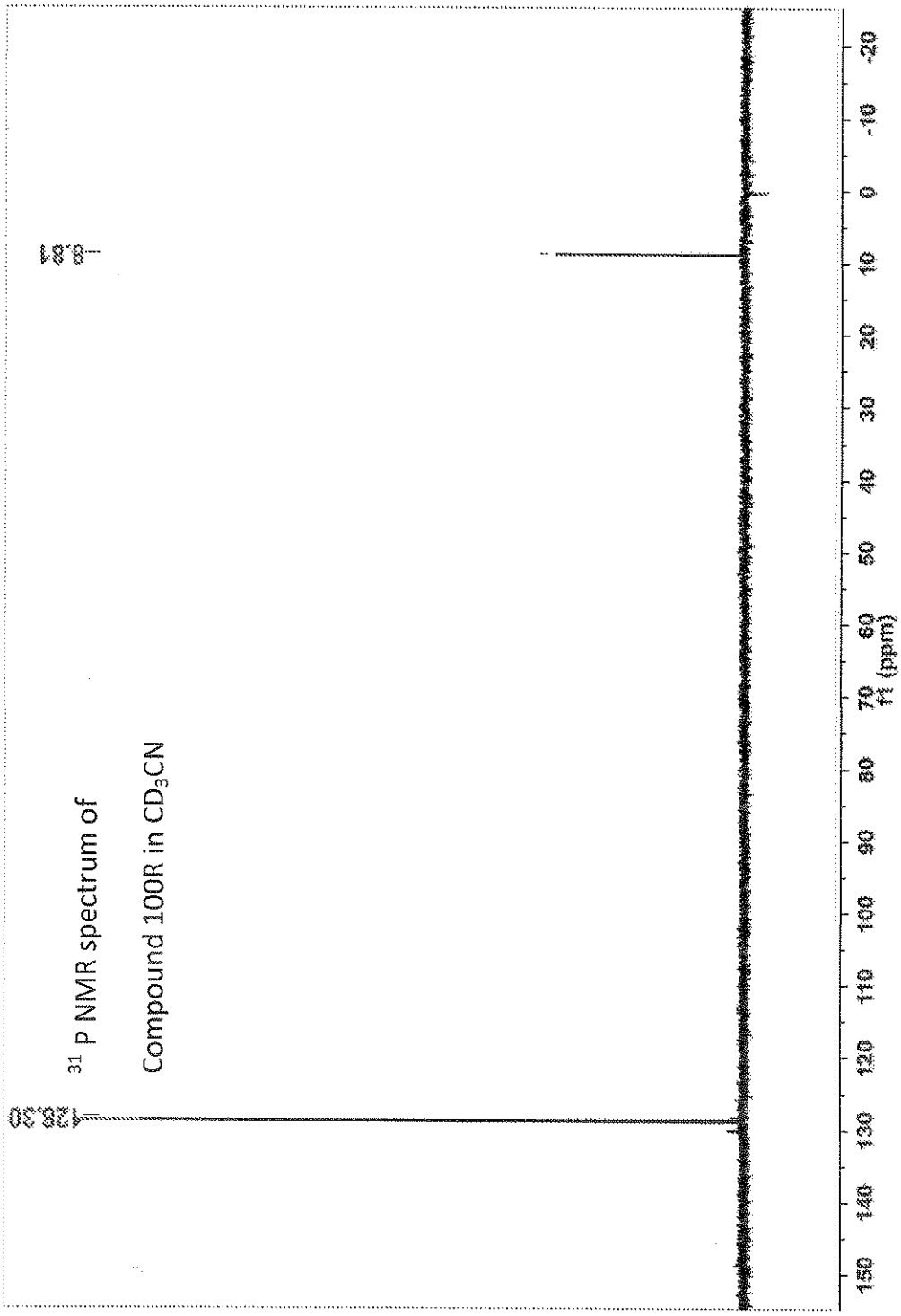

128.30
88.81
^{31}P NMR spectrum of
Compound 100R in CD_3CN
f1 (ppm)
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 -20

FIG. 5

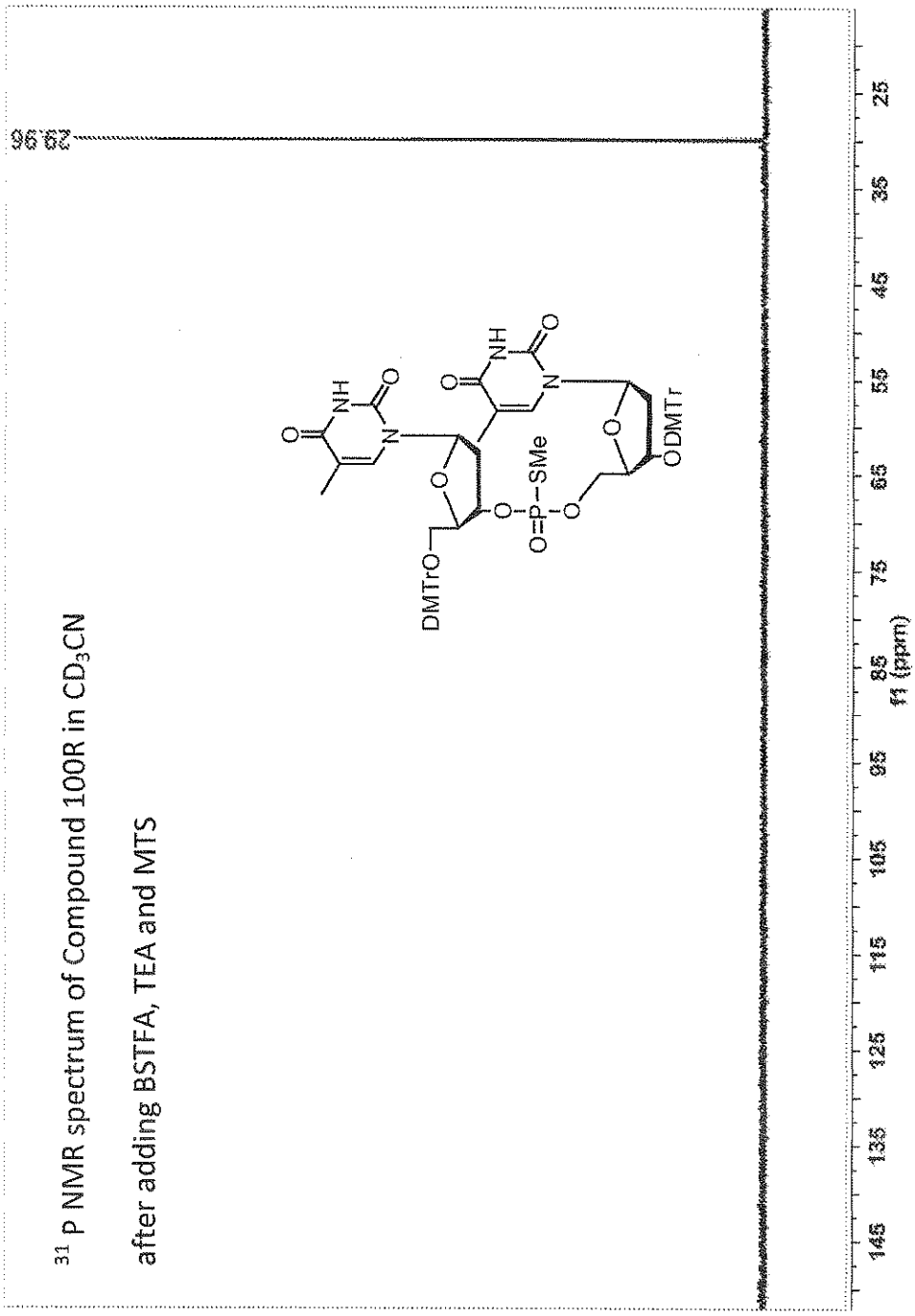

^{31}P NMR spectrum of Compound 100R in CD_3CN
after adding BSTFA, TEA and MTS
29.96
DMTrO
O=P–SMe
ODMTr
145 135 125 115 105 95 85 75 65 55 45 35 25
f1 (ppm)

FIG. 6