

Problem 67

Exact Mass: na

IR: neat

^1H NMR: CDCl_3

^{13}C NMR: CDCl_3

Analysis: na

Mass Spectral Data

| <i>m/z</i> | | <i>m/z</i> | | <i>m/z</i> | | <i>m/z</i> | | <i>m/z</i> | | <i>m/z</i> | |
|------------|------|------------|-------|------------|------|------------|-------|------------|------|------------|--------|
| 36 | 0.35 | 50 | 18.91 | 65 | 0.06 | 89 | 1.12 | 104 | 0.91 | 127 | 0.45 |
| 37 | 3.73 | 51 | 22.54 | 66 | 0.14 | 90 | 0.25 | 115 | 0.79 | 128 | 22.04 |
| 38 | 5.44 | 52 | 6.68 | 67 | 0.05 | 91 | 0.30 | 116 | 0.12 | 129 | 100.00 |
| 39 | 8.04 | 53 | 0.64 | 78 | 5.00 | 97 | 0.43 | 117 | 0.21 | 130 | 12.08 |
| 40 | 0.76 | 54 | 0.13 | 79 | 1.17 | 98 | 1.81 | 118 | 0.22 | 131 | 0.74 |
| 41 | 0.28 | 60 | 0.40 | 84 | 0.16 | 99 | 1.65 | 119 | 0.07 | | |
| 42 | 0.10 | 61 | 3.10 | 85 | 0.50 | 100 | 2.01 | 120 | 0.54 | | |
| 43 | 0.13 | 62 | 5.37 | 86 | 0.96 | 101 | 9.23 | 121 | 0.11 | | |
| 48 | 0.25 | 63 | 9.67 | 87 | 1.77 | 102 | 38.03 | 122 | 0.03 | | |
| 49 | 2.53 | 64 | 4.43 | 88 | 0.69 | 103 | 11.28 | 123 | 0.13 | | |



