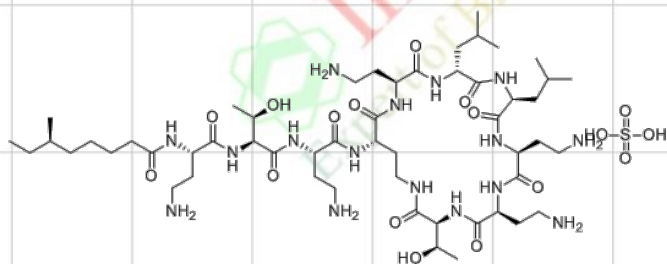


20850123

1264-72-8

## NMR Analysis for V3337501 Colistin sulfate ; Solvent: D2O

<sup>1</sup>H NMR (400 MHz, Deuterium Oxide) δ 4.50 (dq, *J* = 9.8, 4.9 Hz, 6H), 4.41 – 4.30 (m, 6H), 4.24 (ddd, *J* = 10.7, 8.2, 4.3 Hz, 10H), 4.15 (d, *J* = 4.7 Hz, 2H), 3.34 (dt, *J* = 14.6, 7.6 Hz, 2H), 3.19 – 2.92 (m, 22H), 2.29 (t, *J* = 7.3 Hz, 6H), 2.26 – 2.11 (m, 12H), 2.05 (d, *J* = 15.1, 9.2 Hz, 6H), 1.99 – 1.90 (m, 2H), 1.86 (s, 2H), 1.76 – 1.59 (m, 6H), 1.52 (dt, *J* = 25.7, 5.8 Hz, 12H), 1.26 (t, *J* = 7.8 Hz, 6H), 1.20 – 1.09 (m, 14H), 0.90 (d, *J* = 6.0 Hz, 12H), 0.87 (d, *J* = 5.5 Hz, 6H), 0.83 (d, *J* = 6.3 Hz, 6H), 0.80 (dd, *J* = 8.2, 6.1 Hz, 12H).



Product Name: Colistin sulfate  
 InvivoChem Cat #: V33375  
 CAS #: 1264-72-8  
 Batch #: V3337501  
 Formula: C<sub>52</sub>H<sub>98</sub>N<sub>16</sub>O<sub>13</sub>·2.5H<sub>2</sub>O·4S  
 Molecular Weight: 1400.64

