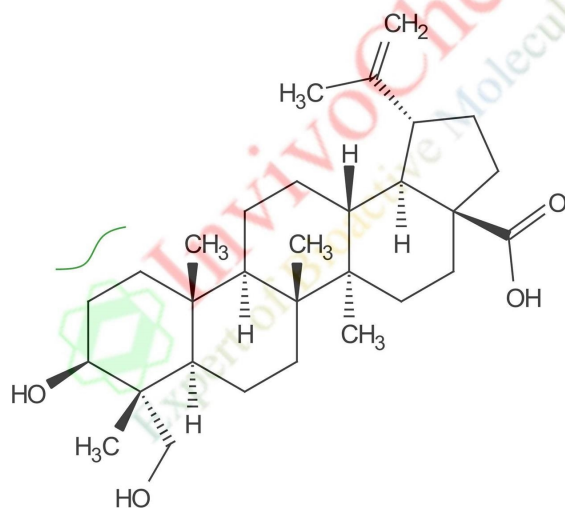


NMR Analysis for V5314201 23-Hydroxybetulinic acid; Solvent: DMSO



¹H NMR (400 MHz, DMSO-*d*₆) δ 12.08 (s, 1H), 4.70 (d, *J* = 2.5 Hz, 1H), 4.57 (s, 1H), 4.38 (d, *J* = 5.7 Hz, 1H), 4.16 (d, *J* = 4.9 Hz, 1H), 3.06 (dd, *J* = 10.7, 3.4 Hz, 1H), 2.95 (td, *J* = 10.7, 4.9 Hz, 1H), 2.22 (ddd, *J* = 14.8, 11.7, 3.5 Hz, 1H), 2.15 – 2.08 (m, 1H), 1.80 (q, *J* = 6.3, 5.6 Hz, 2H), 1.65 (s, 3H), 1.61 (s, 1H), 1.54 (dd, *J* = 12.3, 4.7 Hz, 2H), 1.46 (dd, *J* = 9.9, 4.3 Hz, 2H), 1.43 – 1.33 (m, 6H), 1.30 (d, *J* = 6.3 Hz, 1H), 1.24 (dd, *J* = 8.3, 3.4 Hz, 3H), 1.15 (dd, *J* = 12.6, 4.1 Hz, 1H), 1.08 (dd, *J* = 15.7, 11.5 Hz, 2H), 0.98 (dd, *J* = 12.8, 4.0 Hz, 1H), 0.94 (s, 3H), 0.87 (s, 3H), 0.78 (s, 4H), 0.51 (s, 3H).

Product Name: 23-Hydroxybetulinic acid
InvivoChem Cat #: V53142
CAS #: 85999-40-2
Batch #: V5314201
Formula: C₃₀H₄₈O₄
Molecular Weight: 472.70

