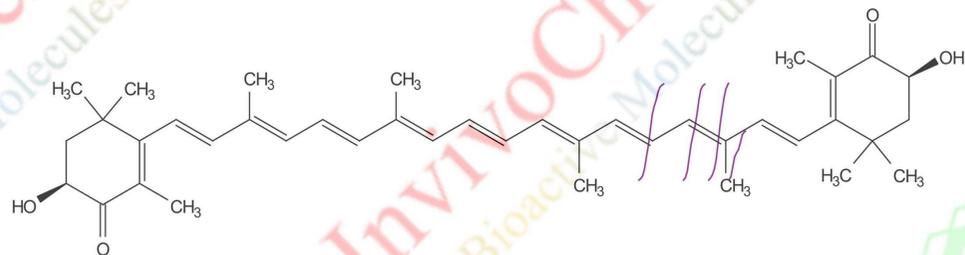


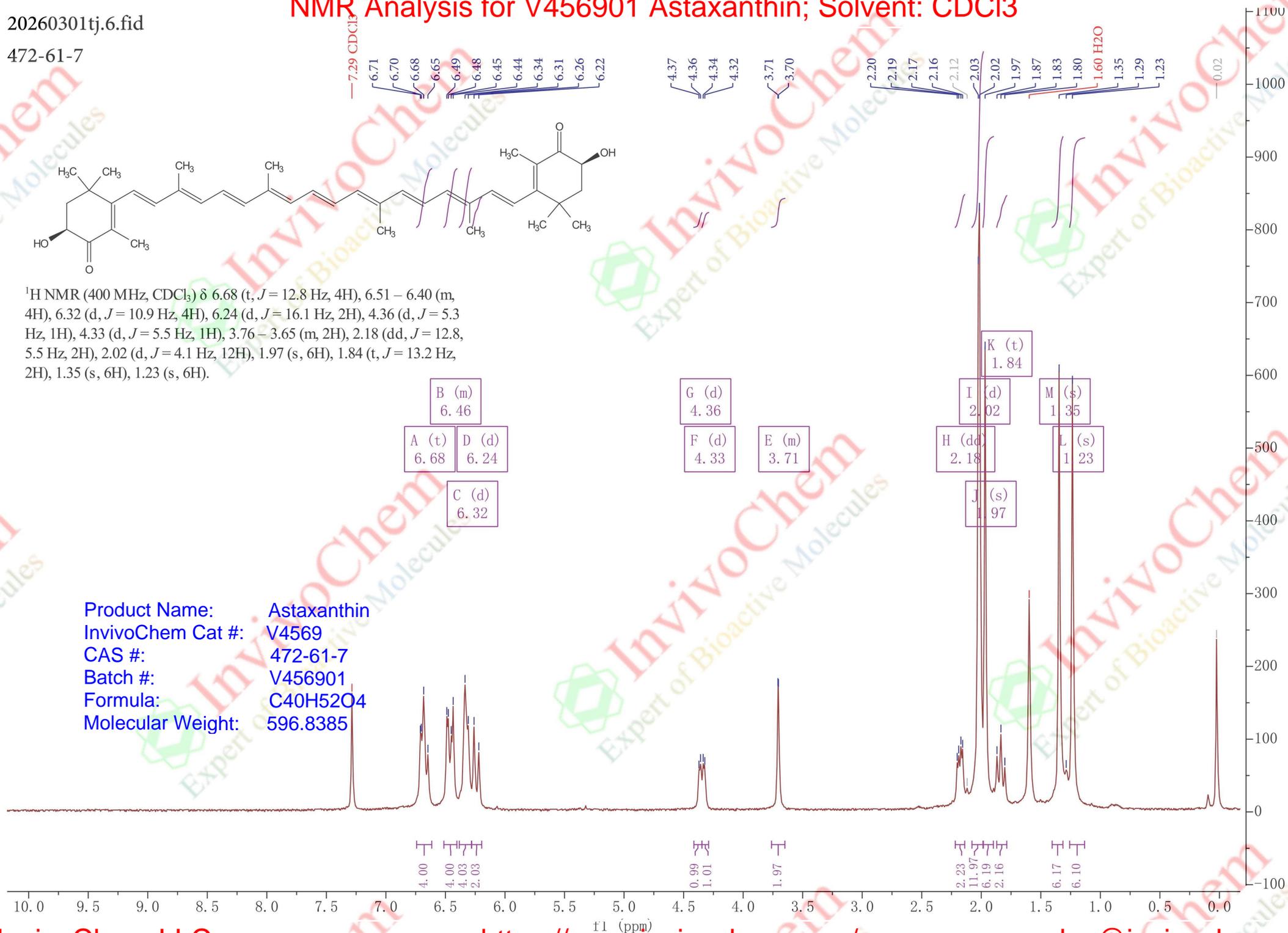
20260301tj.6.fid

472-61-7

# NMR Analysis for V456901 Astaxanthin; Solvent: CDCl<sub>3</sub>



<sup>1</sup>H NMR (400 MHz, CDCl<sub>3</sub>) δ 6.68 (t, *J* = 12.8 Hz, 4H), 6.51 – 6.40 (m, 4H), 6.32 (d, *J* = 10.9 Hz, 4H), 6.24 (d, *J* = 16.1 Hz, 2H), 4.36 (d, *J* = 5.3 Hz, 1H), 4.33 (d, *J* = 5.5 Hz, 1H), 3.76 – 3.65 (m, 2H), 2.18 (dd, *J* = 12.8, 5.5 Hz, 2H), 2.02 (d, *J* = 4.1 Hz, 12H), 1.97 (s, 6H), 1.84 (t, *J* = 13.2 Hz, 2H), 1.35 (s, 6H), 1.23 (s, 6H).



Product Name: Astaxanthin  
InvivoChem Cat #: V4569  
CAS #: 472-61-7  
Batch #: V456901  
Formula: C<sub>40</sub>H<sub>52</sub>O<sub>4</sub>  
Molecular Weight: 596.8385