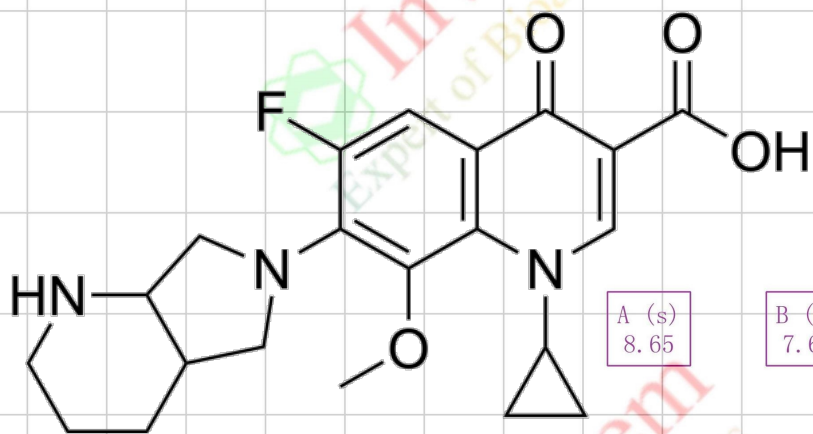


9. 8/354812-41-2 DMSO
354812-41-2

NMR Analysis for V3475001 (Rac)-Moxifloxacin; Solvent: DMSO

^1H NMR (400 MHz, DMSO- d_6) δ 8.65 (s, 1H), 7.64 (d, J = 14.2 Hz, 1H), 4.13 (tt, J = 7.5, 4.0 Hz, 1H), 4.05 – 3.81 (m, 2H), 3.56 (s, 3H), 3.26 (d, J = 10.8 Hz, 2H), 2.89 (d, J = 11.7 Hz, 1H), 2.55 (d, J = 10.3 Hz, 1H), 2.26 (s, 1H), 1.66 (dd, J = 32.3, 17.7 Hz, 3H), 1.44 (s, 1H), 1.23 – 1.17 (m, 1H), 1.12 (q, J = 5.0 Hz, 1H), 1.00 (t, J = 7.9 Hz, 1H), 0.87 (d, J = 7.5 Hz, 1H).



A (s)
8.65

B (d)
7.64

C (tt)
4.13

D (m)
3.94

E (s)
3.56

F (d)
3.26

G (d)
2.89

H (d)
2.55

I (s)
2.26

J (dd)
1.66

K (s)
1.44

L (m)
1.19

M (t)
1.00

N (d)
0.87

O (q)
1.12

Product Name: (Rac)-Moxifloxacin
InvivoChem Cat #: V34750
CAS #: 354812-41-2
Batch #: V3475001
Formula: C₂₁H₂₄FN₃O₄
Molecular Weight: 401.43

