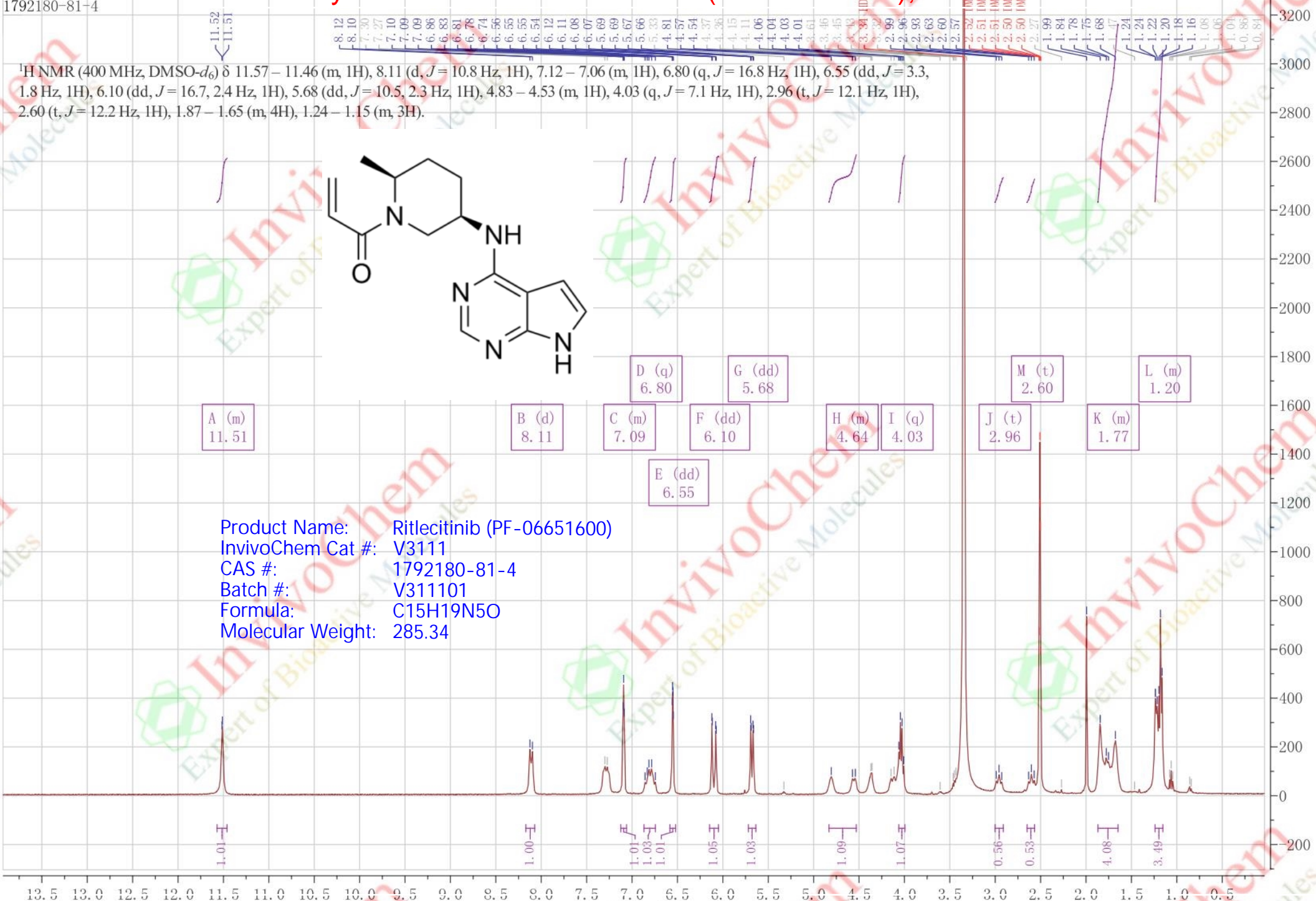
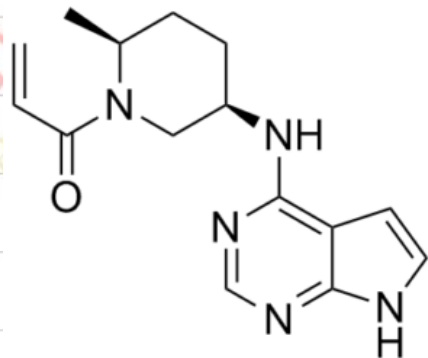


# NMR Analysis for V311101 Ritlecitinib (PF-06651600); Solvent: DMSO

<sup>1</sup>H NMR (400 MHz, DMSO-*d*<sub>6</sub>) δ 11.57 – 11.46 (m, 1H), 8.11 (d, *J* = 10.8 Hz, 1H), 7.12 – 7.06 (m, 1H), 6.80 (q, *J* = 16.8 Hz, 1H), 6.55 (dd, *J* = 3.3, 1.8 Hz, 1H), 6.10 (dd, *J* = 16.7, 2.4 Hz, 1H), 5.68 (dd, *J* = 10.5, 2.3 Hz, 1H), 4.83 – 4.53 (m, 1H), 4.03 (q, *J* = 7.1 Hz, 1H), 2.96 (t, *J* = 12.1 Hz, 1H), 2.60 (t, *J* = 12.2 Hz, 1H), 1.87 – 1.65 (m, 4H), 1.24 – 1.15 (m, 3H).



A (m)  
11.51

B (d)  
8.11

C (m)  
7.09

D (q)  
6.80

E (dd)  
6.55

F (dd)  
6.10

G (dd)  
5.68

H (m)  
4.64

I (q)  
4.03

J (t)  
2.96

M (t)  
2.60

K (m)  
1.77

L (m)  
1.20

Product Name: Ritlecitinib (PF-06651600)  
InvivoChem Cat #: V3111  
CAS #: 1792180-81-4  
Batch #: V311101  
Formula: C<sub>15</sub>H<sub>19</sub>N<sub>5</sub>O  
Molecular Weight: 285.34

1.01

1.00

1.01

1.03

1.01

1.05

1.03

1.09

1.07

0.56

0.53

4.08

3.49