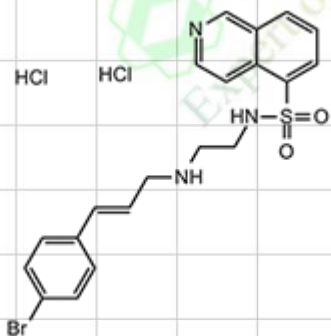


2023-4-13/1  
130964-39-5

# NMR Analysis for V024301 H 89 2HCl; Solvent: DMSO

$^1\text{H}$  NMR (400 MHz, DMSO- $d_6$ )  $\delta$  9.74 (s, 1H), 9.40 – 9.25 (m, 2H), 8.83 – 8.70 (m, 2H), 8.63 (dd,  $J = 18.0, 7.3$  Hz, 2H), 8.51 (d,  $J = 7.3$  Hz, 1H), 7.98 (t,  $J = 7.8$  Hz, 1H), 7.59 (d,  $J = 8.3$  Hz, 2H), 7.40 (d,  $J = 8.3$  Hz, 2H), 6.75 (d,  $J = 16.0$  Hz, 1H), 6.31 (dt,  $J = 16.0, 7.0$  Hz, 1H), 3.70 (d,  $J = 6.3$  Hz, 2H), 3.15 (q,  $J = 6.3$  Hz, 2H), 2.99 (p,  $J = 6.4$  Hz, 2H).



Product Name: H 89 2HCl  
InvivoChem Cat #: V0243  
CAS #: 130964-39-5  
Batch #: V024301  
Formula: C<sub>20</sub>H<sub>20</sub>BrN<sub>3</sub>O<sub>2</sub>S.2HCl  
Molecular Weight: 519.28

