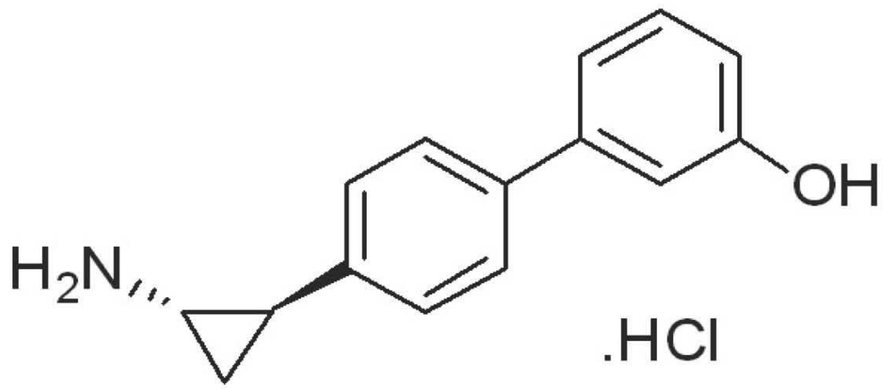

f1 (ppm)