



IR (KBr): 3447, 1653, 1442, 1357, 1248, 787, 727, 696 cm^{-1}

^1H NMR (600 MHz, CDCl_3): (ppm) 8.26 (d, $J = 7.8$ Hz, 2H), 8.16 (d, $J = 8.4$ Hz, 1H), 8.02 (s, 1H), 7.75 (s, 1H), 7.62 (d, $J = 7.8$ Hz, 2H), 7.58-7.55 (m, 4H), 7.52 (t, $J = 7.2$ Hz, 3H), 2.51 (s, 3H)

^{13}C NMR (100 MHz, CDCl_3) (ppm) 193.9, 153.4, 148.8, 145.9, 138.8, 137.9, 136.3, 132.9, 132.2, 131.4, 130.6, 129.5, 128.6, 128.5, 128.1, 127.4, 124.5, 121.1, 22.0;

HRMS (ESI): m/z $[\text{M} + \text{H}]^+$ calcd for $\text{C}_{23}\text{H}_{18}\text{NO}$: 324.1383; found: 324.1384.

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