

***N,N*-Diethyl-2-fluoro-2-trifluoromethoxy-1-phenyliminoethanamine (IVb).** Amine **IIa**, 8.6 g, was added to a solution of 3.3 g of aniline and 7.7 g of triethylamine in 10 ml of petroleum ether. The mixture was stirred for 3 h at 40–50°C and cooled to room temperature, the precipitate was filtered off, and the filtrate was subjected to vacuum distillation. Yield 9.0 g (61.6%), bp 108–109°C (12 mm). ¹H NMR spectrum, δ, ppm: 7.13 t (2H, *o*-H, *J*_{HH} = 8 Hz), 6.87 t (1H, *p*-H, *J*_{HH} = 8 Hz), 6.60 d (2H, *m*-H, *J*_{HH} = 8 Hz), 6.28 d (1H,

CHF, *J*_{HF} = 52 Hz), 3.36 q (4H, NCH₂, *J*_{HH} = 7 Hz), 1.10 t (6H, CH₂CH₃, *J*_{HH} = 7 Hz). ¹⁹F NMR spectrum, δ_F, ppm: –58.6 s (3F, CF₃), –128.4 d (1F, CHF, *J*_{FH} = 57 Hz). Found, %: C 53.08; H 5.28; N 10.23. C₁₃H₁₆F₄N₂O. Calculated, %: C 53.42; H 5.57; N 9.58.

REFERENCE

1. Furin, G.G., Salmanov, I.A., and Kiriyanov, V.G., *Zh. Prikl. Khim.*, 1999, vol. 72, no. 8, p. 1345.