

Supporting Information

Fluorinated Conformationally-Restricted γ -Aminobutyric Acid Aminotransferase Inhibitors
Hejun Lu and Richard B. Silverman*

Combustion Analyses

(1*R*,4*S*)-4-Amino-3-fluoro-cyclopent-2-ene carboxylic acid (5).

Anal. Calcd for $C_6H_8O_2NF \cdot 0.5H_2O$: C, 37.78; H, 5.24; N, 7.34. Found: C, 38.05; H, 4.96; N, 7.47.

(1*R*,4*S*)-4-Amino-3-trifluoromethyl-cyclopent-2-ene carboxylic acid (6).

Anal. Calcd for $C_7H_9O_2NF_3$: C, 36.30; H, 3.92; N, 6.05. Found: C, 35.89; H, 3.90; N, 5.95.

(1*R*,4*S*)-4-Amino-3-pentafluoroethyl-cyclopent-2-ene carboxylic acid (7).

Anal. Calcd for $C_8H_8O_2NF_5 \cdot 1.5H_2O$: C, 30.66; H, 3.99; N, 4.47. Found: C, 30.47; H, 3.48; N, 4.42.

(1*S*,3*S*)-(Z)-3-Amino-4-(2,2,2-trifluoroethylidene)cyclopentane carboxylic acid (8).

Anal. Calcd for $C_8H_{10}O_2NF_3 \cdot 0.25H_2O$: C, 38.42; H, 4.63; N, 5.60. Found: C, 38.57; H, 4.49; N, 5.61.

(1*S*,3*S*)-(Z)-3-Amino-4-(2,2,2-trifluoroethylidene)cyclopentane carboxylic acid (9).

Anal. Calcd for $C_8H_{10}O_2NF_3 \cdot 0.25H_2O$: C, 38.42; H, 4.63; N, 5.60. Found: C, 38.47; H, 4.55; N, 5.64.

(1*S*,3*S*)-3-Amino-4-(2,2,2-trifluoro-1-trifluoromethyl-ethylidene)cyclopentane carboxylic acid (10).

Anal. Calcd for $C_9H_9O_2NF_6 \cdot H_2O$: C, 32.59; H, 3.65; N, 4.22. Found: C, 32.41; H, 3.55; N, 4.14.