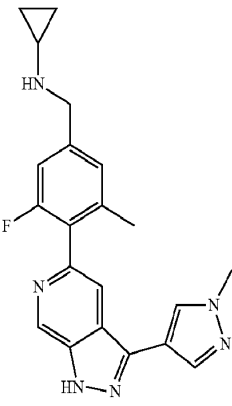
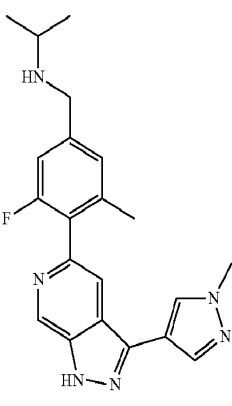
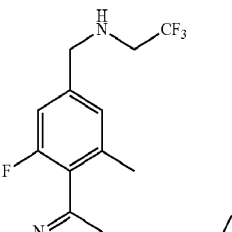
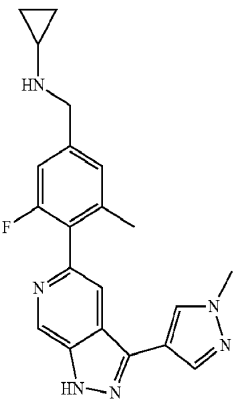
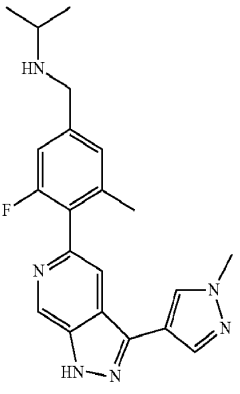
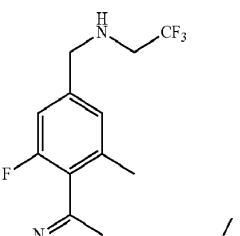


instead of ethylamine.

Ex.	Structure	Name	S.m.	Analytical data
177		N-(3-Fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)cyclopropanamine	cyclopropanamine	LC-MS found 377.1
178		N-(3-Fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)propan-2-amine	propan-2-amine	LC-MS found 379.1 ¹ H NMR (TFA salt, 500 MHz, (CD ₃) ₂ SO) δ 9.15 (d, J = 1.3 Hz, 1H), 8.82 (br s, 2H), 8.47 (s, 1H), 8.09-8.02 (m, 2H), 7.38-7.32 (m, 2H), 4.22 (t, J = 6.3 Hz, 2H), 3.94 (s, 3H), 3.36 (m, 1H), 2.19 (s, 3H), 1.32 (d, J = 6.5 Hz, 6H).
179		2,2,2-Trifluoro-N-(3-fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)ethanamine	2,2,2-trifluoroethanamine	LC-MS found 419.1

instead of ethylamine.

Ex.	Structure	Name	S.m.	Analytical data
177		N-(3-Fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)cyclopropanamine	cyclopropanamine	LC-MS found 377.1
178		N-(3-Fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)propan-2-amine	propan-2-amine	LC-MS found 379.1 ¹ H NMR (TFA salt, 500 MHz, (CD ₃) ₂ SO) δ 9.15 (d, J = 1.3 Hz, 1H), 8.82 (br s, 2H), 8.47 (s, 1H), 8.09-8.02 (m, 2H), 7.38-7.32 (m, 2H), 4.22 (t, J = 6.3 Hz, 2H), 3.94 (s, 3H), 3.36 (m, 1H), 2.19 (s, 3H), 1.32 (d, J = 6.5 Hz, 6H).
179		2,2,2-Trifluoro-N-(3-fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)ethanamine	2,2,2-trifluoroethanamine	LC-MS found 419.1

instead of ethylamine.

Ex.	Structure	Name	S.m.	Analytical data
177		N-(3-Fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)cyclopropanamine	cyclopropanamine	LC-MS found 377.1
178		N-(3-Fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)propan-2-amine	propan-2-amine	LC-MS found 379.1 ¹ H NMR (TFA salt, 500 MHz, (CD ₃) ₂ SO) δ 9.15 (d, J = 1.3 Hz, 1H), 8.82 (br s, 2H), 8.47 (s, 1H), 8.09-8.02 (m, 2H), 7.38-7.32 (m, 2H), 4.22 (t, J = 6.3 Hz, 2H), 3.94 (s, 3H), 3.36 (m, 1H), 2.19 (s, 3H), 1.32 (d, J = 6.5 Hz, 6H).
179		2,2,2-Trifluoro-N-(3-fluoro-5-methyl-4-(3-(1-methyl-1H-pyrazol-4-yl)-1H-pyrazolo[3,4-c]pyridin-5-yl)benzyl)ethanamine	2,2,2-trifluoroethanamine	LC-MS found 419.1