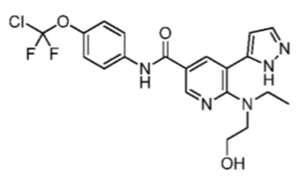
[00369] The title compound was prepared in an analogous fashion to that described in **Stage 22.1** using 5-bromo-6-chloro-N-(4-(chlorodifluoromethoxy)phenyl)nicotinamide **(Stage 22.2)** and 2-methylamino-ethanol to afford a white crystalline solid. HPLC (Condition 4) t_R = 5.72 min, UPLC-MS (Condition 3) t_R = 1.14 min, m/z = 452.2 $[M+H]^+$.

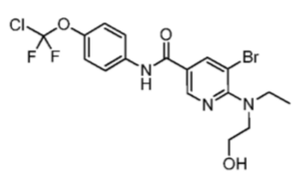
Example 24

N-(4-(Chlorodifluoromethoxy)phenvn-6-(ethyl(2-hvdroxyethyl)amino)-5-(lH-pyrazol-5-vDnicotinamide



[00370] The title compound was prepared in an analogous fashion to that described in **Example 26** using 5-bromo-N-(4-(chlorodifluoromethoxy)phenyl)-6-(ethyl(2-hydroxyethyl)amino)nicotinamide **(Stage 24.1)** and l-(tetrahydro-2H-pyran-2-yl)-5-(4,4,5,5-tetramethyl-l,3,2-dioxaborolan-2-yl)-lH-pyrazole to afford a yellow solid. UPLC-MS (Condition 3) t_R = 1.02 min, m/z = 452.2 $[M+H]^+$, m/z = 450.1 $[M-H]^-$; ^{1}H-NMR (400 MHz, DMSO-d_6) δ ppm 0.93 (t, J = 7.09 Hz, 3 H) 3.17 - 3.27 (m, 2 H) 3.35 - 3.43 (m, 2 H) 3.43 - 3.53 (m, 2 H) 4.59 (br. s, 1 H) 6.53 (d, J = 1.96 Hz, 1 H) 7.33 (d, J = 9.05 Hz, 2 H) 7.76 (br. s, 1 H) 7.82 - 7.95 (m, 2 H) 8.13 (d, J = 2.45 Hz, 1 H) 8.72 (d, J = 2.45 Hz, 1 H) 10.29 (s, 1 H) 12.98 (br. s, 1 H).

[00371] **Stage 24.1** 5-Bromo-N-(4-(chlorodifluoromethoxy)phenyl)-6-(ethyl(2-hydroxyethyl)amino)nicotinamide



[00372] The title compound was prepared in an analogous fashion to that described in **Stage 22.1** using 5-bromo-6-chloro-N-(4-(chlorodifluoromethoxy)phenyl)nicotinamide **(Stage**

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WO 2013/171642 PCT/IB2013/053771

text
[00369] The title compound was prepared in an analogous fashion to that described in Stage 22.1 using 5-bromo-6-chloro-N-(4-(chlorodifluoromethoxy)phenyl)nicotinamide (Stage 22.2) and 2-methylamino-ethanol to afford a white crystalline solid. HPLC (Condition 4) t_R = 5.72 min, UPLC-MS (Condition 3) t_R = 1.14 min, m/z = 452.2 $[M+H]^+$.

sub_title
Example 24

text
N-(4-(Chlorodifluoromethoxy)phenvn-6-(ethyl(2-hvdroxyethyl)amino)-5-(lH-pyrazol-5-vDnicotinamide

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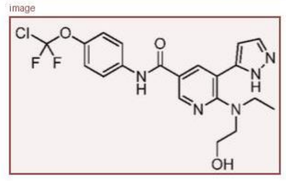

text
[00370] The title compound was prepared in an analogous fashion to that described in Example 26 using 5-bromo-N-(4-(chlorodifluoromethoxy)phenyl)-6-(ethyl(2-hydroxyethyl)amino)nicotinamide (Stage 24.1) and l-(tetrahydro-2H-pyran-2-yl)-5-(4,4,5,5-tetramethyl-l,3,2-dioxaborolan-2-yl)-lH-pyrazole to afford a yellow solid. UPLC-MS (Condition 3) t_R = 1.02 min, m/z = 452.2 $[M+H]^+$, m/z = 450.1 $[M-H]^-$; ^{1}H-NMR (400 MHz, DMSO-d_6) δ ppm 0.93 (t, J = 7.09 Hz, 3 H) 3.17 - 3.27 (m, 2 H) 3.35 - 3.43 (m, 2 H) 3.43 - 3.53 (m, 2 H) 4.59 (br. s, 1 H) 6.53 (d, J = 1.96 Hz, 1 H) 7.33 (d, J = 9.05 Hz, 2 H) 7.76 (br. s, 1 H) 7.82 - 7.95 (m, 2 H) 8.13 (d, J = 2.45 Hz, 1 H) 8.72 (d, J = 2.45 Hz, 1 H) 10.29 (s, 1 H) 12.98 (br. s, 1 H).

text
[00371] Stage 24.1 5-Bromo-N-(4-(chlorodifluoromethoxy)phenyl)-6-(ethyl(2-hydroxyethyl)amino)nicotinamide

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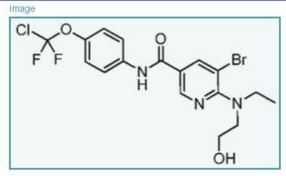

text
[00372] The title compound was prepared in an analogous fashion to that described in **Stage 22.1** using 5-bromo-6-chloro-N-(4-(chlorodifluoromethoxy)phenyl)nicotinamide **(Stage**

Result

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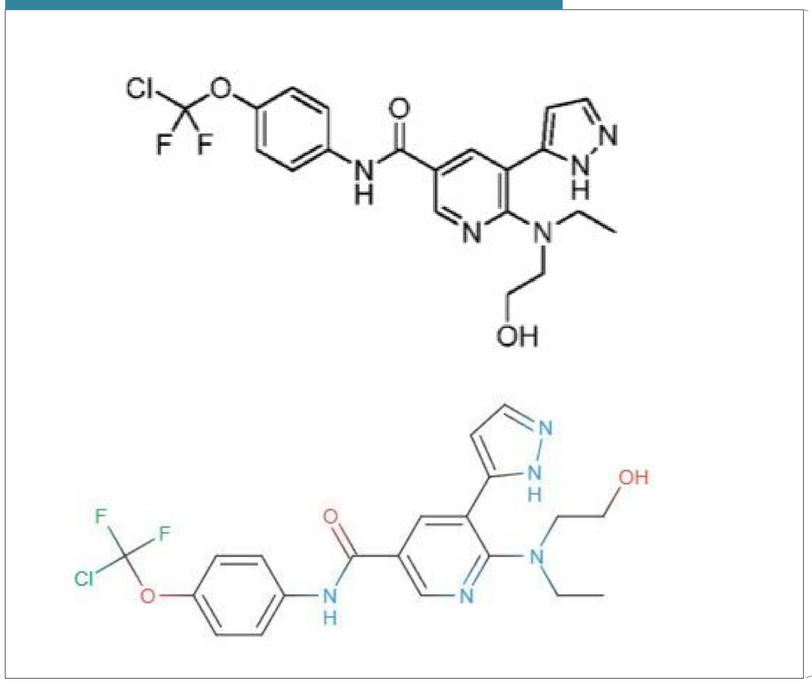
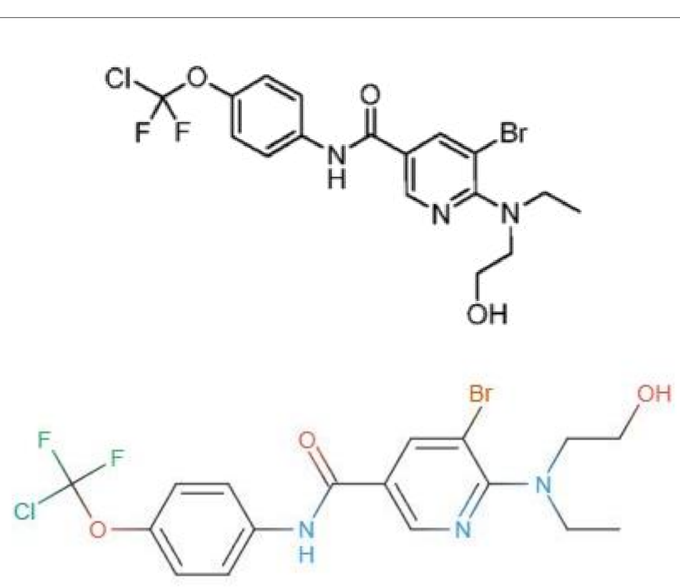


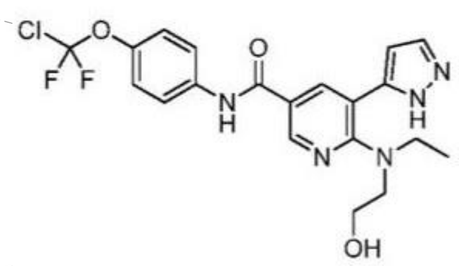


Deep Parsing

[00369] The title compound was prepared in an analogous fashion to that described in Stage 22.1 using 5-bromo- 6- chloro- N- (4- (chlorodifluoromethoxy)phenyl)nicotinamide (Stage 22.2) and 2- methylamino- ethanol to afford a white crystalline solid. HPLC (Condition 4) $t_R = 5.72$ min, UPLC- MS (Condition 3) $t_R = 1.14 min, m/z = 452.2 [M+H]^+$.

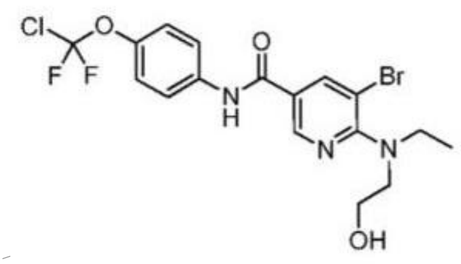
Example 24

N- (4- (Chlorodifluoromethoxy)phenvn- 6- (ethyl(2- hvdroxyethyl)amino)- 5- (IH- pyrazol- 5- vDnicotinamide



[00370] The title compound was prepared in an analogous fashion to that described in Example 26 using 5-bromo- N- (4- (chlorodifluoromethoxy)phenyl)- 6- (ethyl(2- hydroxyethyl)amino)nicotinamide (Stage 24.1) and 1- (tetrahydro- 2H- pyran- 2- yl)- 5- (4,4,5,5- tetramethyl- 1,3,2- dioxaborolan- 2- yl)- 1H- pyrazole to afford a yellow solid. UPLC- MS (Condition 3) $t_R = 1.02 min, m/z = 452.2 [M+H]^+, m/z = 450.1 [M-H]^-$; $^1H - NMR$ (400 MHz, DMSO- d6) δ ppm 0.93 (t, $J = 7.09 Hz, 3H$) 3.17 - 3.27 (m, 2 H) 3.35 - 3.43 (m, 2 H) 3.43 - 3.53 (m, 2 H) 4.59 (br. s, 1 H) 6.53 (d, $J = 1.96 Hz, 1H$) 7.33 (d, $J = 9.05 Hz, 2H$) 7.76 (br. s, 1 H) 7.82 - 7.95 (m, 2 H) 8.13 (d, $J = 2.45 Hz, 1H$) 8.72 (d, $J = 2.45 Hz, 1H$) 10.29 (s, 1 H) 12.98 (br. s, 1 H).

[00371] Stage 24.1 5- Bromo- N- (4- (chlorodifluoromethoxy)phenyl)- 6- (ethyl(2- hydroxyethyl)amino)nicotinamide



[00372] The title compound was prepared in an analogous fashion to that described in Stage 22.1 using 5- bromo- 6- chloro- N- (4- (chlorodifluoromethoxy)phenyl)nicotinamide (Stage

Rendering