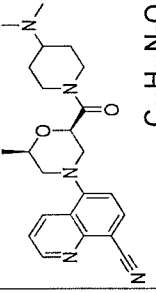
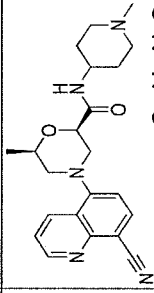
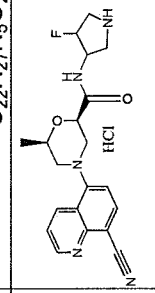
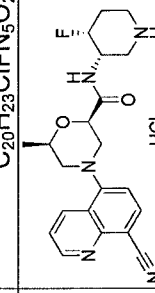
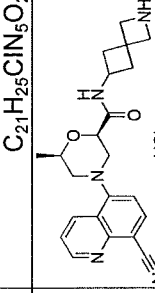
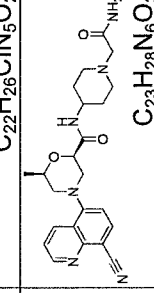
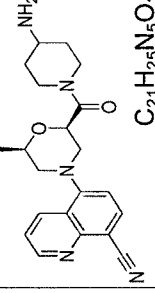


FIG. 6DDDD

ER-899459	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{23}H_{29}N_5O_2$	407.52	0.0560	> 10.0	5-((2R,6R)-2-(4-(dimethylamino)piperidine-1-carboxyl)-6-methylmorpholino)quinoline-8-carbonitrile	¹ H NMR (400 MHz, CD ₃ OD) δ ppm: 1.23-1.65 (m, 5H), 1.90-2.05 (m, 2H), 2.30-2.36 (d, 6H), 2.45-2.75 (m, 3H), 3.04-3.23 (m, 2H), 3.35-3.50 (m, 2H), 4.10-4.21 (m, 1H), 4.21-4.32 (m, 1H), 4.50-4.60 (m, 1H), 4.75-4.85 (m, 1H), 7.26-7.32 (d, 1H), 7.58-7.67 (m, 1H), 8.13-8.18 (d, 1H), 8.63-8.70 (m, 1H), 8.94-9.00 (m, 1H).	LCMS (ESI ⁺) calcd for C ₂₃ H ₂₉ N ₅ O ₂ (M+H ⁺): 408.24; found: 408.37
ER-899464	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{22}H_{27}N_5O_2$	393.49	0.0048	> 10.0	(2R,6R)-4-(8-cyanoquinolin-5-yl)-6-methyl-N-(1-methylpiperidin-4-yl)morpholine-2-carboxamide	¹ H NMR (400 MHz, CD ₃ OD) δ ppm: 1.31-1.36 (d, 3H), 1.57-1.70 (m, 2H), 1.79-1.91 (m, 2H), 2.11-2.22 (m, 2H), 2.30 (s, 3H), 2.68-2.93 (m, 4H), 3.35-3.41 (m, 1H), 3.64-3.80 (m, 2H), 4.09-4.18 (m, 1H), 4.43-4.48 (m, 1H), 7.24-7.28 (d, 1H), 7.62-7.68 (dd, 1H), 8.12-8.16 (d, 1H), 8.64-8.68 (m, 1H), 8.96-8.99 (m, 1H).	LCMS (ESI ⁺) calcd for C ₂₂ H ₂₇ N ₅ O ₂ (M+H ⁺): 394.22; found: 394.3
ER-899476	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{20}H_{23}ClFN_5O_2$	419.89	0.0050	> 10.0	(2R,6R)-4-(8-cyanoquinolin-5-yl)-N-(4-fluoropyrrolidin-3-yl)-6-methylmorpholine-2-carboxamide hydrochloride	δ 1.21 (d, 3H), 2.63 (t, 1H), 2.80 (t, 1H), 3.24 (m, 2H), 3.45 (m, 4H), 4.03 (m, 1H), 4.45 (t, 1H), 5.10 (m, 1H), 5.23 (m, 1H), 7.23 (d, 1H), 7.65 (dd, 1H), 8.12 (t, 1H), 8.21 (d, 1H), 8.57 (d, 1H), 9.02 (dd, 1H), 9.26 (br s, 1H), 9.59 (br s, 1H)	
ER-899477	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{21}H_{25}ClFN_5O_2$	433.91	0.0160	> 10.0	(2R,6R)-4-(8-cyanoquinolin-5-yl)-N-(3S,4R)-4-fluoropiperidin-3-yl)-6-methylmorpholine-2-carboxamide hydrochloride	δ 1.20 (d, 3H), 2.08 (m, 2H), 2.65 (t, 1H), 2.81 (t, 1H), 2.89 (m, 1H), 3.12 (m, 3H), 3.35 (d, 1H), 3.48 (d, 1H), 4.02 (m, 1H), 4.45 (d, 1H), 4.79 (m, 1H), 4.92 (m, 1H), 7.22 (d, 1H), 7.66 (dd, 1H), 7.99 (d, 1H), 8.22 (d, 1H), 8.57 (d, 1H), 8.99 (br s, 1H), 9.02 (d, 1H), 9.07 (br s, 1H)	
ER-899479	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{22}H_{26}ClN_5O_2$	427.93	0.0070	> 10.0	(2R,6R)-4-(8-cyanoquinolin-5-yl)-6-methyl-N-(2-azaspiro[3.3]heptan-6-yl)morpholine-2-carboxamide hydrochloride	δ 1.19 (d, 3H), 1.97 (m, 1H), 2.11 (m, 1H), 2.23 (m, 2H), 2.60 (t, 1H), 2.71 (t, 1H), 3.33 (d, 1H), 3.47 (d, 1H), 3.81 (m, 2H), 3.93 (m, 2H), 4.00 (m, 1H), 4.09 (m, 1H), 4.30 (d, 1H), 7.21 (d, 1H), 7.65 (dd, 1H), 7.96 (d, 1H), 8.03 (br s, 1H), 8.21 (d, 1H), 8.55 (d, 1H), 8.77 (br s, 1H), 9.01 (d, 1H)	
ER-899481	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{23}H_{28}N_6O_3$	436.51	0.0150	> 10.0	(2R,6R)-N-(1-(2-amino-2-oxoethyl)piperidin-4-yl)-4-(8-cyanoquinolin-5-yl)-6-methylmorpholine-2-carboxamide	¹ H NMR (400 MHz, CDCl ₃) δ ppm: 1.33-1.37 (d, 3H), 1.65-1.75 (m, 2H), 1.97-2.10 (m, 2H), 2.45-2.58 (m, 2H), 2.65-2.80 (m, 2H), 2.98-3.08 (m, 2H), 3.15-3.22 (s, 2H), 3.27-3.35 (d, 1H), 3.76-3.84 (d, 1H), 3.87-3.95 (m, 1H), 4.05-4.16 (m, 1H), 4.40-4.45 (dd, 1H), 5.99-6.05 (m, 1H), 6.58-6.65 (d, 1H).	LCMS (ESI ⁺) calcd for C ₂₃ H ₂₈ N ₆ O ₃ (M+H ⁺): 437.23; found: 437.34
ER-899588	 <chem>CN(C)CCN(C)C(=O)Nc1ccc2c(c1)ncn2C#N</chem> $C_{21}H_{25}N_5O_2$	379.46	0.1170	1.376	5-((2R,6R)-2-(4-aminopiperidine-1-carboxyl)-6-methylmorpholino)quinoline-8-carbonitrile	¹ H NMR (400 MHz, CD ₃ OD) δ ppm: 1.20-1.60 (m, 5H), 1.85-2.03 (m, 2H), 2.65-2.85 (m, 2H), 2.95-3.25 (m, 2H), 3.35-3.50 (m, 2H), 3.55-3.75 (m, 1H), 4.10-4.25 (m, 2H), 4.35-4.55 (m, 1H), 4.75-4.85 (m, 1H), 7.25-7.32 (d, 1H), 7.60-7.66 (m, 1H), 8.13-8.19 (d, 1H), 8.62-8.70 (m, 1H), 8.95-9.00 (m, 1H).	LCMS (ESI ⁺) calcd for C ₂₁ H ₂₅ N ₅ O ₂ (M+H ⁺): 380.20; found: 380.33