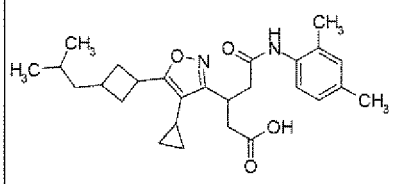
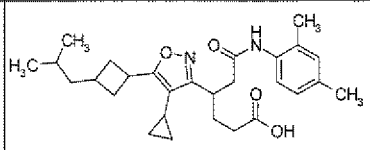
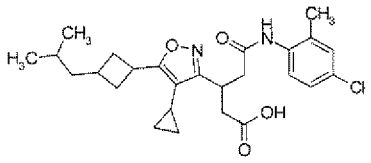
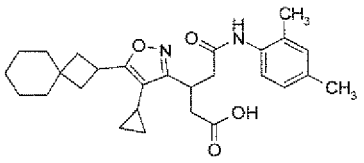
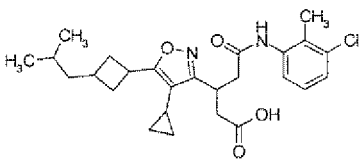
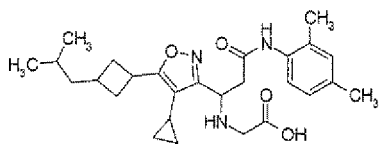
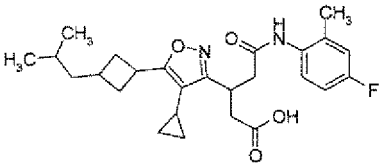
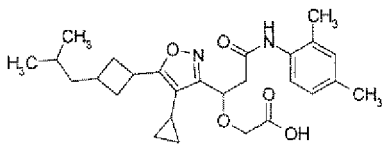
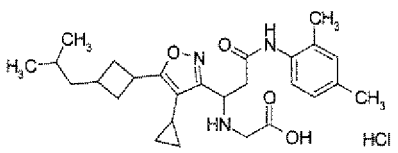
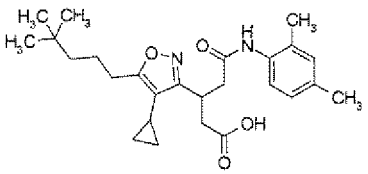
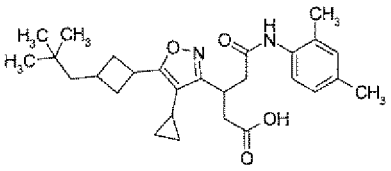
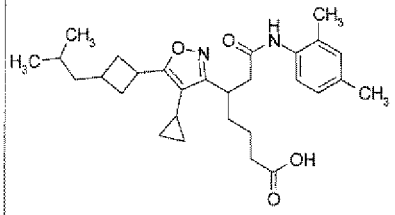
[図1]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-1		(400 MHz, CDCl3) 0.36 - 0.55 (m, 2H), 0.76 - 0.92 (m, 2H), 0.86 (d, J=6.68Hz, 6H), 1.29 - 1.45 (m, 3H), 1.47 - 1.61 (m, 1H), 1.85 - 2.05 (m, 2H), 2.08 (s, 3H), 2.25 (s, 3H), 2.28 - 2.43 (m, 3H), 2.71 (dd, J=15.20, 8.40Hz, 1H), 2.87 (dd, J=15.20, 4.40Hz, 1H), 2.97 (dd, J=14.00, 4.80Hz, 1H), 3.06 (dd, J=14.00, 9.20Hz, 1H), 3.41 - 3.57 (m, 1H), 3.89 - 4.02 (m, 1H), 6.90 - 6.99 (m, 2H), 7.49 (dd, J=8.40, 2.40Hz, 1H), 7.81 (brs, 1H)	453	451	(S)
A-2		(400 MHz, DMSO-d6) 0.80 - 0.88 (m, 1H), 0.95 (d, J=6.45Hz, 7H), 1.10 (d, J=7.25Hz, 2H), 1.90 (s, 1H), 2.00 - 2.08 (m, 1H), 2.12 (d, J=2.42Hz, 3H), 2.24 (s, 3H), 2.77 (d, J=6.85Hz, 2H), 2.99 (d, J=3.63Hz, 3H), 3.40 - 3.80 (m, 7H), 6.79 (s, 1H), 6.98 (d, J=10.07Hz, 1H), 7.03 (s, 1H), 7.26 (s, 1H), 9.69 (s, 1H)	467	465	(R)
A-3		(400 MHz, DMSO-d6) 0.47 (t, J=4.43Hz, 2H), 0.77 - 0.82 (m, 2H), 0.85 (q, J=3.49Hz, 6H), 1.30 (t, J=6.85Hz, 2H), 1.45 (t, J=5.64Hz, 1H), 1.51 (dd, J=13.30, 6.85Hz, 1H), 1.82 (t, J=9.27Hz, 2H), 2.08 (s, 3H), 2.37 (dt, J=19.61, 6.45Hz, 3H), 2.69 (dtd, J=49.36, 16.92, 7.32Hz, 4H), 3.53 (t, J=8.66Hz, 1H), 3.77 (t, J=7.25Hz, 1H), 7.18 (dd, J=8.66, 2.22Hz, 1H), 7.27 (d, J=2.01Hz, 1H), 7.35 (d, J=8.46Hz, 1H), 9.35 (s, 1H), 12.21 (s, 1H)	473	471	(S)
A-4		(400 MHz, CDCl3) 0.46 (d, J=14.91Hz, 2H), 0.87 (d, J=8.87Hz, 2H), 1.38 (d, J=12.89Hz, 5H), 1.47 (s, 4H), 1.58 (d, J=5.24Hz, 2H), 2.05 (ddd, J=28.51, 16.62, 7.35Hz, 8H), 2.26 (s, 3H), 2.76 (t, J=7.86Hz, 1H), 2.97 (ddd, J=37.68, 20.75, 8.46Hz, 3H), 3.61 (t, J=9.07Hz, 1H), 3.94 (s, 1H), 6.98 (d, J=15.72Hz, 2H), 7.52 (t, J=4.43Hz, 1H), 7.73 (s, 1H)	465	463	(S)

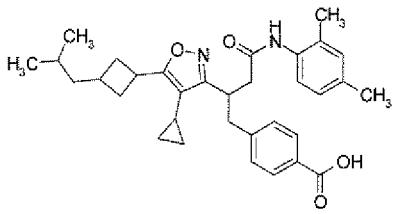
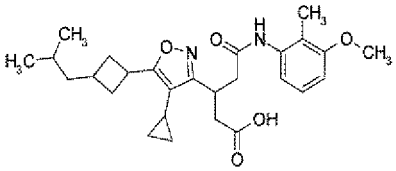
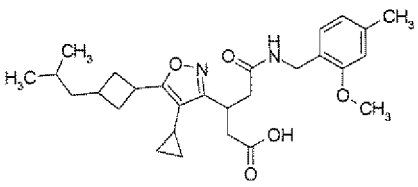
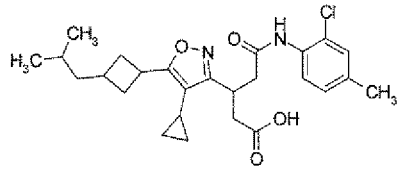
[図2]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M－H	
A-5		(400 MHz, CDCl3) 0.41 - 0.46 (m, 2H), 0.86 (d, J=6.80Hz, 6H), 1.30 - 1.33 (m, 3H), 1.49 - 1.56 (m, 1H), 1.88 - 1.99 (m, 3H), 2.16 (s, 3H), 2.29 - 2.39 (m, 3H), 2.65 - 2.72 (m, 2H), 2.85 - 2.96 (m, 2H), 3.07 - 3.13 (m, 1H), 3.44 - 3.50 (m, 1H), 3.88 - 3.95 (m, 1H), 7.03 (dd, J=8.00Hz, 1H), 7.15 (d, J=8.00Hz, 1H), 7.50 (d, J=8.00Hz, 1H), 8.19 (s, 1H)	473	471	(S)
A-6		(400 MHz, DMSO-d6) 0.38 - 0.56 (m, 2H), 0.74 - 0.90 (m, 2H), 0.85 (d, J=6.40Hz, 6H), 1.27 - 1.35 (m, 2H), 1.45 - 1.58 (m, 2H), 1.76 - 1.92 (m, 2H), 2.07 (s, 3H), 2.23 (s, 3H), 2.29 - 2.45 (m, 3H), 2.79 (dd, J=15.20, 6.40Hz, 1H), 2.88 (dd, J=15.20, 8.00Hz, 1H), 3.49 - 3.61 (m, 1H), 4.36 - 4.35 (m, 1H), 6.93 (d, J=8.00Hz, 1H), 6.98 (s, 1H), 7.26 (d, J=8.00Hz, 1H), 9.55 (s, 1H)	468	466	AUX－H 不使用
A-7		(400 MHz, CDCl3) 0.38 - 0.57 (m, 2H), 0.77 - 0.92 (m, 2H), 0.87 (d, J=6.80Hz, 6H), 1.27 - 1.45 (m, 3H), 1.47 - 1.62 (m, 1H), 1.84 - 2.05 (m, 2H), 2.12 (s, 3H), 2.30 - 2.44 (m, 3H), 2.74 (dd, J=15.20, 8.00Hz, 1H), 2.88 (dd, J=15.20, 5.20Hz, 1H), 2.97 (dd, J=14.00, 5.20Hz, 1H), 3.08 (dd, J=14.00, 9.20Hz, 1H), 3.44 - 3.57 (m, 1H), 3.91 - 4.03 (m, 1H), 6.81 - 6.89 (m, 2H), 7.49 - 7.58 (m, 1H), 7.87 (s, 1H)	457	455	(S)
A-8		(400 MHz, DMSO-d6) 0.41 - 0.48 (m, 1H), 0.54 - 0.61 (m, 1H), 0.77 - 0.89 (m, 8H), 1.26 - 1.35 (m, 2H), 1.47 - 1.57 (m, 2H), 1.83 - 1.90 (m, 2H), 2.04 (s, 3H), 2.22 (s, 3H), 2.30 - 2.46 (m, 3H), 2.91 (dd, J=14.96, 6.38Hz, 1H), 3.12 (dd, J=15.07, 7.88Hz, 1H), 3.52 - 3.58 (m, 1H), 3.89 (d, J=16.00Hz, 1H), 4.00 (d, J=16.23Hz, 1H), 5.12 (t, J=7.07Hz, 1H), 6.92 (d, J=8.58Hz, 1H), 6.98 (s, 1H), 7.13 (d, J=8.12Hz, 1H), 9.59 (s, 1H), 12.64 (s, 1H)	469	467	AUX－H 不使用

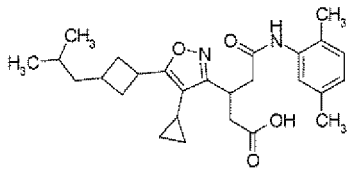
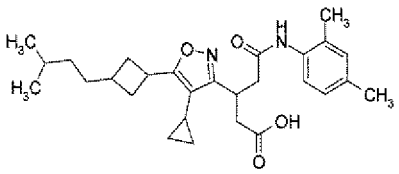
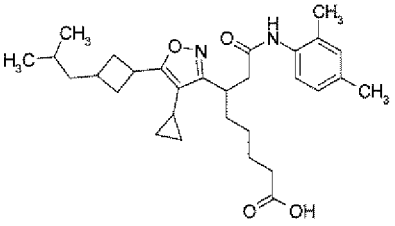
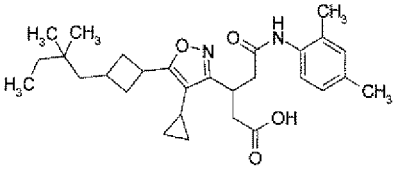
[図3]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M－H	
A－9		(400 MHz, DMSO-d6) 0.40 - 0.61 (m, 2H), 0.76 - 0.89 (m, 2H), 0.86 (d, J=6.40Hz, 6H), 1.27 - 1.34 (m, 2H), 1.38 - 1.58 (m, 2H), 1.76 - 1.91 (m, 2H), 1.95 (s, 3H), 2.22 (s, 3H), 2.30 - 2.47 (m, 4H), 3.52 - 3.65 (m, 1H), 3.86 (brs, 2H), 4.87 - 5.00 (m, 1H), 6.93 (d, J=8.00Hz, 1H), 6.98 (s, 1H), 7.08 (d, J=8.00Hz, 1H), 9.61 (s, 1H)	468	466	AUX－H 不使用
A－10		(400 MHz,CDCl3) 0.49 (m, 1H), 0.54 - 0.61 (m, 1H), 0.88 (s, 9H), 0.84 - 0.93 (m, 2H), 1.20 - 1.27 (m, 2H), 1.41 - 1.47 (m, 1H), 1.62 (tt, J=9.16, 4.52Hz, 2H), 2.13 (s, 3H), 2.28 (s, 3H), 2.71 (dt, J=25.43, 7.71Hz, 3H), 2.99 (ddt, J=50.24, 25.35, 8.46Hz, 3H), 3.97 (dd, J=8.46, 4.99Hz, 1H), 6.96 (d, J=4.67Hz, 2H), 7.52 (m, 1H), 7.83 (s, 1H)	441	439	(S)
A－11		(400 MHz, CDCl3) 0.47 (dt, J=19.07, 7.76Hz, 2H), 0.87 (s, 12H), 1.38 (d, J=5.64Hz, 2H), 2.00 (dd, J=25.59, 10.28Hz, 2H), 2.11 (s, 3H), 2.26 (s, 3H), 2.39 (dd, J=13.70, 8.06Hz, 3H), 2.75 (dd, J=14.71, 8.26Hz, 1H), 2.88 - 3.03 (m, 3H), 3.50 (d, J=9.67Hz, 1H), 3.94 (s, 1H), 6.98 (d, J=16.12Hz, 2H), 7.51 (d, J=7.66Hz, 1H), 7.71 (s, 1H)	467	465	(S)
A－12		(400 MHz, CDCl3) 0.31 - 0.40 (m, 1H), 0.44 - 0.53 (m, 1H), 0.79 - 0.91 (m, 8H), 1.30 - 1.38 (m, 2H), 1.39 - 1.93 (m, 8H), 1.97 - 2.07 (m, 1H), 2.02 (s, 3H), 2.25 (s, 3H), 2.30 - 2.44 (m, 4H), 2.71 - 2.80 (m, 1H), 2.92 - 3.02 (m, 1H), 3.45 - 3.62 (m, 2H), 6.92 - 6.97 (m, 2H), 7.43 (d, J=8.82Hz, 1H), 7.51 (s, 1H)	481	479	(R)

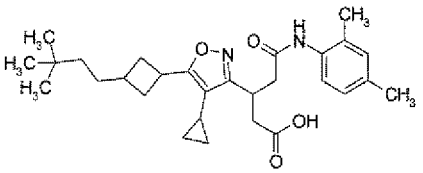
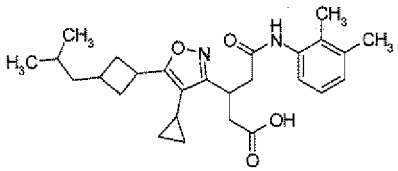
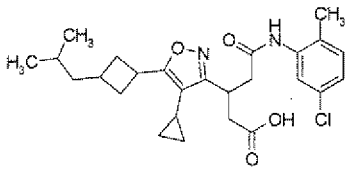
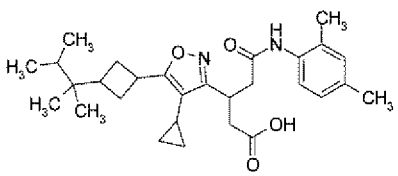
[図4]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-13		(400 MHz, CDCl3) 0.30 (dd, J=9.81, 4.96Hz, 1H), 0.53 (dd, J=9.92, 4.85Hz, 1H), 0.80 - 0.85 (m, 2H), 0.87 (dd, J=13.23, 6.62Hz, 6H), 1.18 (td, J=8.82, 4.34Hz, 1H), 1.36 (t, J=6.62Hz, 2H), 1.52 - 1.59 (m, 1H), 1.91 (d, J=9.48Hz, 1H), 2.03 - 2.06 (m, 1H), 2.04 (brs, 3H), 2.23 (s, 3H), 2.37 (td, J=14.00, 7.13Hz, 3H), 2.78 (dd, J=13.89, 4.41Hz, 1H), 2.99 - 3.06 (m, 2H), 3.15 (dd, J=13.34, 6.51Hz, 1H), 3.50 (dd, J=18.31, 8.38Hz, 1H), 3.95 (dd, J=11.14, 4.96Hz, 1H), 6.92 - 6.94 (m, 2H), 7.13 (d, J=8.16Hz, 2H), 7.41 (d, J=8.38Hz, 1H), 7.86 (brs, 1H), 7.91 (d, J=8.16Hz, 2H)	529	527	(S)
A-14		(400 MHz, DMSO-d6) 0.41 - 0.52 (m, 2H), 0.74 - 0.83 (m, 2H), 0.85 (d, J=6.80Hz, 6H), 1.27 - 1.35 (m, 2H), 1.39 - 1.57 (m, 2H), 1.75 - 1.93 (m, 2H), 1.88 (s, 3H), 2.27 - 2.42 (m, 3H), 2.56 - 2.69 (m, 2H), 2.69 - 2.83 (m, 2H), 3.47 - 3.60 (m, 1H), 3.68 - 3.83 (m, 1H), 3.76 (s, 3H), 6.78 (d, J=8.00Hz, 1H), 6.86 (d, J=8.00Hz, 1H), 7.08 (dd, J=8.00, 8.00Hz, 1H), 9.33 (s, 1H), 12.19 (brs, 1H)	469	467	(S)
A-15		(400 MHz, DMSO-d6) 0.39 - 0.51 (m, 2H), 0.72 - 0.81 (m, 2H), 0.85 (d, J=6.40Hz, 6H), 1.26 - 1.34 (m, 2H), 1.37 - 1.47 (m, 1H), 1.47 - 1.58 (m, 1H), 1.76 - 1.88 (m, 2H), 2.27 (s, 3H), 2.31 - 2.42 (m, 3H), 2.42 - 2.62 (m, 3H), 2.67 (dd, J=16.00, 8.80Hz, 1H), 3.47 - 3.59 (m, 1H), 3.66 - 3.79 (m, 1H), 3.75 (s, 3H), 4.13 (t, J=6.00Hz, 2H), 6.65 (d, J=8.00Hz, 1H), 6.77 (s, 1H), 6.89 (d, J=8.00Hz, 1H), 8.14 (t, J=6.00Hz, 1H), 12.14 (brs, 1H)	483	481	(S)
A-16		(400 MHz, DMSO-d6) 0.44 - 0.49 (m, 2H), 0.79 (ddd, J=9.22, 5.16, 3.07Hz, 2H), 0.85 (d, J=6.49Hz, 6H), 1.30 (dd, J=6.72, 6.72Hz, 2H), 1.39 - 1.47 (m, 1H), 1.51 (t, J=6.72Hz, 1H), 1.79 - 1.87 (m, 2H), 2.27 (s, 3H), 2.29 - 2.43 (m, 3H), 2.66 - 2.75 (m, 4H), 3.53 (dt, J=20.41, 6.96Hz, 1H), 3.71 - 3.80 (m, 1H), 7.10 (dd, J=8.58, 1.39Hz, 1H), 7.29 (s, 1H), 7.45 (d, J=8.12Hz, 1H), 9.47 (s, 1H), 12.22 (brs, 1H)	473	471	(S)

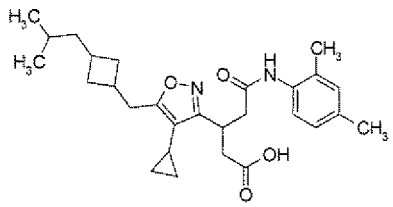
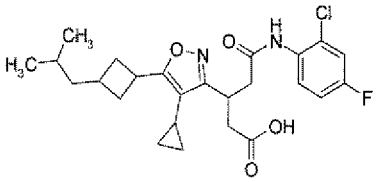
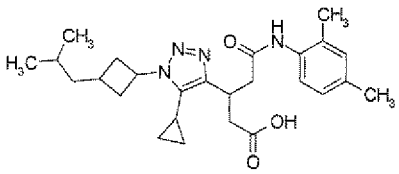
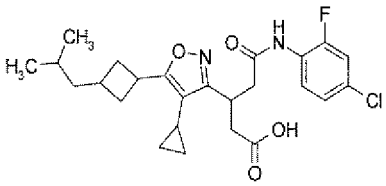
[図5]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-17		(400 MHz, DMSO-d6) 0.47 - 0.48 (m, 2H), 0.78 - 0.81 (m, 2H), 0.85 (d, J=6.72Hz, 6H), 1.30 (dd, J=6.84, 6.84Hz, 2H), 1.40 - 1.55 (m, 2H), 1.77 - 1.88 (m, 2H), 2.02 (s, 3H), 2.22 (s, 3H), 2.30 - 2.42 (m, 3H), 2.57 - 2.79 (m, 4H), 3.51 - 3.56 (m, 1H), 3.73 - 3.81 (m, 1H), 6.87 (d, J=8.81Hz, 1H), 7.04 (d, J=7.88Hz, 1H), 7.11 (s, 1H), 9.26 (s, 1H), 12.23 (brs, 1H)	453	451	(S)
A-18		(400 MHz, DMSO-d6) 0.43 - 0.52 (m, 2H), 0.76 - 0.82 (m, 2H), 0.85 (d, J=6.72Hz, 6H), 0.87 (s, 3H), 1.04 - 1.12 (m, 2H), 1.34 - 1.42 (m, 2H), 1.43 - 1.54 (m, 2H), 1.76 - 1.86 (m, 2H), 2.21 - 2.24 (m, 1H), 2.22 (s, 3H), 2.31 - 2.41 (m, 2H), 2.57 - 2.68 (m, 2H), 2.69 - 2.79 (m, 2H), 3.48 - 3.57 (m, 1H), 3.73 - 3.80 (m, 1H), 6.92 (d, J=8.35Hz, 1H), 6.98 (s, 1H), 7.13 (d, J=8.12Hz, 1H), 9.23 (s, 1H), 12.21 (brs, 1H)	467	465	(S)
A-19		(400 MHz, CDCl3) 0.35 - 0.39 (m, 1H), 0.45 - 0.51 (m, 1H), 0.79 - 0.90 (m, 8H), 1.32 - 1.37 (m, 3H), 1.41 - 1.43 (m, 2H), 1.52 - 1.58 (m, 1H), 1.63 - 2.00 (m, 5H), 2.03 (s, 3H), 2.26 (s, 3H), 2.34 - 2.40 (m, 6H), 2.72 (dd, J=13.57, 4.52Hz, 1H), 2.96 (dd, J=13.68, 10.67Hz, 1H), 3.47 - 3.58 (m, 2H), 6.92 - 6.98 (m, 2H), 7.43 - 7.52 (m, 2H)	495	493	(R)
A-20		(400 MHz, DMSO-d6) 0.44 - 0.50 (m, 2H), 0.76 - 0.81 (m, 11H), 1.19 (q, J=7.50Hz, 2H), 1.32 (d, J=6.03Hz, 2H), 1.41 - 1.48 (m, 1H), 1.79 - 1.91 (m, 2H), 2.02 (s, 3H), 2.22 (s, 3H), 2.32 - 2.42 (m, 3H), 2.58 - 2.66 (m, 2H), 2.70 - 2.78 (m, 2H), 3.51 - 3.56 (m, 1H), 3.73 - 3.80 (m, 1H), 6.92 (d, J=8.12Hz, 1H), 6.97 (s, 1H), 7.13 (d, J=8.12Hz, 1H), 9.22 (s, 1H), 12.20 (brs, 1H)	481	479	(S)

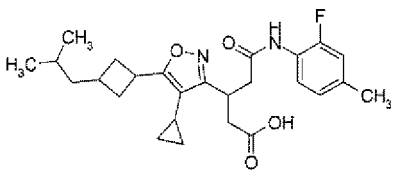
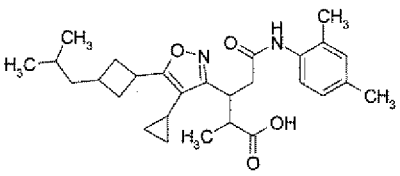
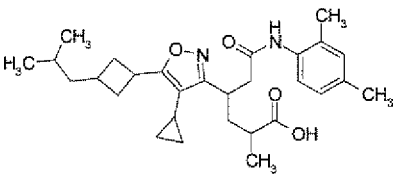
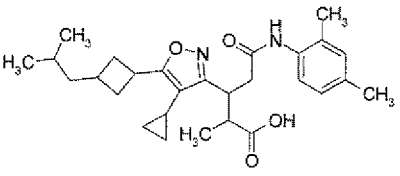
[図6]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-21		(400 MHz, CDCl3) 0.43 - 0.54 (m, 2H), 0.84 - 0.92 (m, 11H), 1.04 - 1.11 (m, 2H), 1.23 - 1.30 (m, 1H), 1.35 - 1.44 (m, 2H), 1.88 - 2.00 (m, 2H), 2.13 (s, 3H), 2.15 - 2.24 (m, 1H), 2.28 (s, 3H), 2.31 - 2.43 (m, 2H), 2.77 (dd, J=15.31, 8.12Hz, 1H), 2.89 - 2.99 (m, 2H), 3.04 (dd, J=14.03, 8.70Hz, 1H), 3.46 - 3.56 (m, 1H), 3.92 - 3.99 (m, 1H), 6.96 - 7.00 (m, 2H), 7.53 (d, J=8.58Hz, 1H), 7.68 (s, 1H)	481	479	(S)
A-22		(400 MHz, DMSO-d6) 0.43 - 0.53 (m, 2H), 0.75 - 0.82 (m, 2H), 0.85 (d, J=6.80Hz, 6H), 1.27 - 1.34 (m, 2H), 1.39 - 1.58 (m, 2H), 1.75 - 1.90 (m, 2H), 1.94 (s, 3H), 2.22 (s, 3H), 2.29 - 2.43 (m, 3H), 2.58 - 2.70 (m, 2H), 2.70 - 2.82 (m, 2H), 3.49 - 3.60 (m, 1H), 3.72 - 3.83 (m, 1H), 6.95 - 7.07 (m, 3H), 9.35 (s, 1H), 12.19 (brs, 1H)	453	451	(S)
A-23		(400 MHz, DMSO-d6) 0.42 - 0.52 (m, 2H), 0.76 - 0.89 (m, 2H), 0.84 (d, J=6.40Hz, 6H), 1.26 - 1.34 (m, 2H), 1.38 - 1.59 (m, 2H), 1.75 - 1.89 (m, 2H), 2.09 (s, 3H), 2.27 - 2.43 (m, 3H), 2.56 - 2.89 (m, 4H), 3.48 - 3.61 (m, 1H), 3.71 - 3.84 (m, 1H), 7.10 (dd, J=8.40, 2.00Hz, 1H), 7.20 (d, J=8.40Hz, 1H), 7.47 (d, J=2.00Hz, 1H), 9.36 (s, 1H), 12.22 (brs, 1H)	473	471	(S)
A-24		(400 MHz, DMSO-d6) 0.46 - 0.52 (m, 2H), 0.77 - 0.83 (m, 2H), 0.80 (d, J=6.85Hz, 6H), 1.33 - 1.40 (m, 1H), 1.42 - 1.49 (m, 1H), 1.95 - 2.14 (m, 4H), 2.02 (s, 3H), 2.22 (s, 3H), 2.31 - 2.40 (m, 1H), 2.58 - 2.67 (m, 2H), 2.70 - 2.78 (m, 2H), 3.40 - 3.49 (m, 1H), 3.73 - 3.80 (m, 1H), 6.92 (d, J=8.06Hz, 1H), 6.98 (s, 1H), 7.13 (d, J=8.06Hz, 1H), 9.22 (s, 1H), 12.21 (brs, 1H)	481	479	(S)

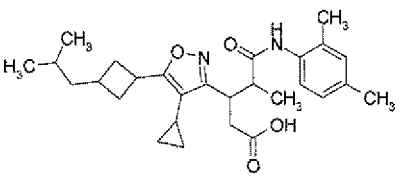
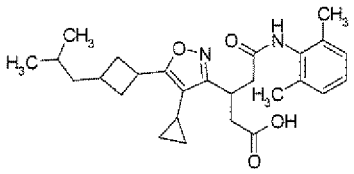
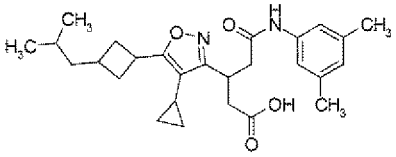
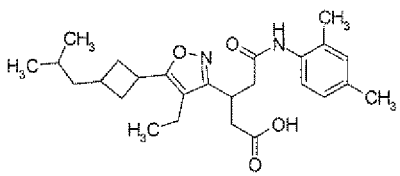
[図7]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-25		(400 MHz, DMSO-d6) 0.46 - 0.58 (m, 2H), 0.75 - 0.85 (m, 2H), 0.80 (d, J=6.62Hz, 6H), 1.16 - 1.35 (m, 4H), 1.40 - 1.54 (m, 2H), 2.04 (s, 3H), 2.05 - 2.17 (m, 3H), 2.22 (s, 3H), 2.27 - 2.42 (m, 1H), 2.56 - 2.82 (m, 6H), 3.71 - 3.84 (m, 1H), 6.91 (d, J=7.94Hz, 1H), 6.97 (s, 1H), 7.13 (d, J=7.94Hz, 1H), 9.21 (brs, 1H), 12.23 (brs, 1H)	467	465	(S)
A-26		(400 MHz, DMSO-d6) 0.42 - 0.52 (m, 2H), 0.74 - 0.90 (m, 2H), 0.85 (d, J=6.80Hz, 6H), 1.25 - 1.35 (m, 2H), 1.39 - 1.58 (m, 2H), 1.75 - 1.89 (m, 2H), 2.26 - 2.43 (m, 3H), 2.59 - 2.88 (m, 4H), 3.47 - 3.60 (m, 1H), 3.70 - 3.83 (m, 1H), 7.19 (ddd, J=8.40, 6.00, 2.80Hz, 1H), 7.47 (dd, J=8.80, 2.80Hz, 1H), 7.57 (dd, J=8.80, 6.00Hz, 1H), 9.59 (s, 1H), 12.22 (brs, 1H)	477	475	(S)
A-27		(400 MHz, CDCl3) 0.64 - 0.65 (m, 1H), 0.81 - 0.83 (m, 1H), 0.89 (d, J=6.84Hz, 6H), 0.98 (d, J=10.59Hz, 2H), 1.42 (t, J=6.69Hz, 2H), 1.50 - 1.58 (m, 2H), 1.94 (s, 3H), 2.22 - 2.24 (m, 2H), 2.23 (s, 3H), 2.36 (q, J=9.56Hz, 1H), 2.75 (q, J=137.18Hz, 5H), 3.06 (dd, J=24.92, 14.34Hz, 1H), 3.97 (dd, J=10.03, 5.40Hz, 1H), 4.74 - 4.83 (m, 1H), 6.90 - 6.94 (m, 2H), 7.30 (t, J=8.60Hz, 1H), 7.99 (brs, 1H)	453	451	(S)
A-28		(400 MHz, DMSO-d6) 0.39 - 0.54 (m, 2H), 0.72 - 0.91 (m, 2H), 0.84 (d, J=6.40Hz, 6H), 1.23 - 1.35 (m, 2H), 1.37 - 1.58 (m, 2H), 1.73 - 1.89 (m, 2H), 2.25 - 2.43 (m, 3H), 2.59 (dd, J=16.40, 6.40Hz, 1H), 2.65 - 2.79 (m, 2H), 2.85 (dd, J=15.60, 7.20Hz, 1H), 3.46 - 3.60 (m, 1H), 3.68 - 3.85 (m, 1H), 7.16 - 7.29 (m, 1H), 7.40 - 7.52 (m, 1H), 7.80 - 7.93 (m, 1H), 9.85 (s, 1H), 12.22 (brs, 1H)	477	475	(S)

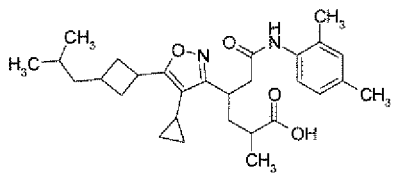
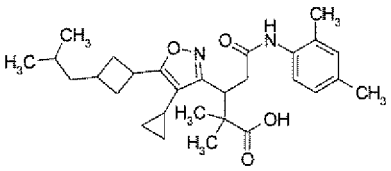
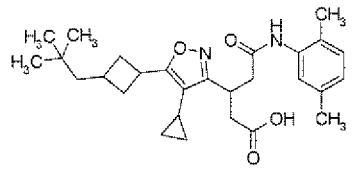
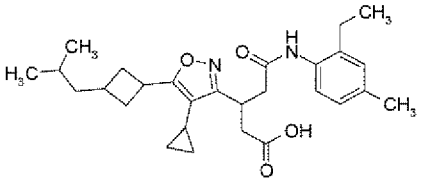
[図8]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-29		(400 MHz, DMSO-d6) 0.41 - 0.52 (m, 2H), 0.75 - 0.88 (m, 2H), 0.84 (d, J=6.80Hz, 6H), 1.25 - 1.34 (m, 2H), 1.38 - 1.60 (m, 2H), 1.74 - 1.89 (m, 2H), 2.27 (s, 3H), 2.29 - 2.42 (m, 3H), 2.59 (dd, J=16.00, 6.40Hz, 1H), 2.63 - 2.86 (m, 3H), 3.46 - 3.60 (m, 1H), 3.68 - 3.83 (m, 1H), 6.93 (d, J=8.40Hz, 1H), 7.04 (d, J=12.00Hz, 1H), 7.55 - 7.67 (m, 1H), 9.63 (s, 1H), 12.20 (brs, 1H)	457	455	(S)
A-30		(400 MHz, DMSO-d6) 0.56 - 0.62 (m, 1H), 0.73 - 0.81 (m, 2H), 0.82 - 0.86 (m, 6H), 1.00 (d, J=6.72Hz, 3H), 1.27 - 1.31 (m, 2H), 1.36 - 1.43 (m, 1H), 1.46 - 1.54 (m, 1H), 1.74 - 1.86 (m, 2H), 1.90 (s, 3H), 2.20 (s, 3H), 2.29 - 2.43 (m, 4H), 2.58 - 2.69 (m, 2H), 2.81 - 2.88 (m, 1H), 3.50 - 3.56 (m, 1H), 3.62 - 3.70 (m, 1H), 6.88 (d, J=8.12Hz, 1H), 6.93 (s, 1H), 7.02 (d, J=8.12Hz, 1H), 9.31 (s, 1H), 12.43 (brs, 1H)	467	465	(S)
A-31		(400 MHz, CDCl3) 0.37 (t, J=5.64Hz, 1H), 0.48 (t, J=5.24Hz, 1H), 0.82 (dt, J=8.33, 2.12Hz, 1H), 0.87 (t, J=5.84Hz, 7H), 1.25 (q, J=3.63Hz, 4H), 1.32 - 1.38 (m, 3H), 1.51 - 1.58 (m, 2H), 1.74 (dd, J=13.50, 5.44Hz, 1H), 1.95 (dd, J=34.25, 8.87Hz, 2H), 2.04 (s, 3H), 2.25 (s, 3H), 2.34 (ddd, J=27.40, 14.71, 6.45Hz, 3H), 2.64 (d, J=5.64Hz, 1H), 2.83 (dd, J=13.90, 5.04Hz, 1H), 2.96 (dd, J=13.90, 9.87Hz, 1H), 3.49 (t, J=8.87Hz, 1H), 3.69 (s, 1H), 6.94 (d, J=5.64Hz, 2H), 7.42 (d, J=8.87Hz, 1H), 7.60(s, 1H)	481	479	(R)
A-32		(400 MHz, DMSO-d6) 0.41 - 0.46 (m, 1H), 0.49 - 0.55 (m, 1H), 0.74 - 0.80 (m, 2H), 0.82 - 0.86 (m, 7H), 1.08 (d, J=6.96Hz, 3H), 1.29 (t, J=6.84Hz, 2H), 1.38 - 1.44 (m, 1H), 1.47 - 1.55 (m, 1H), 1.74 - 1.89 (m, 2H), 1.96 (s, 3H), 2.20 (s, 3H), 2.32 - 2.37 (m, 2H), 2.51 - 2.59 (m, 1H), 2.74 - 2.89 (m, 2H), 3.47 - 3.56 (m, 1H), 3.82 - 3.88 (m, 1H), 6.89 (d, J=8.58Hz, 1H), 6.94 (s, 1H), 7.07 (d, J=8.12Hz, 1H), 9.19 (s, 1H), 12.30 (s, 1H)	467	465	(S)

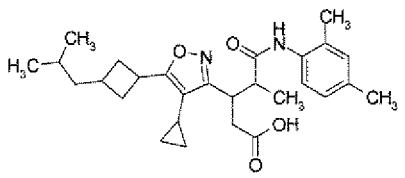
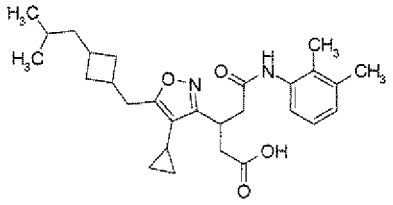
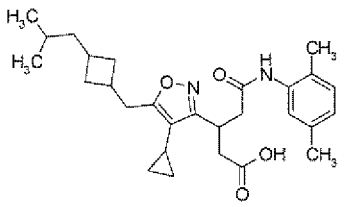
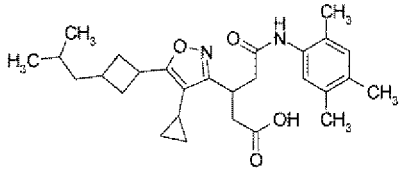
[図9]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-33		(400 MHz, CDCl3) 0.42-0.51 (m, 2H), 0.79 - 0.89 (m, 9H), 1.29 - 1.43 (m, 5H), 1.48 - 1.56 (m, 1H), 1.83 - 1.98 (m, 1H), 2.08 (s, 3H), 2.24 - 2.39 (m, 4H), 2.25 (s, 3H), 2.80 - 2.94 (m, 2H), 3.01 - 3.12 (m, 1H), 3.44 - 3.52 (m, 1H), 3.73 - 3.81 (m, 1H), 6.92 - 6.97 (m, 2H), 7.36 (d, J=10.80Hz, 1H), 7.51 (s, 1H)	467	465	(S)
A-34		(400 MHz, DMSO-d6) 0.39 - 0.54 (m, 2H), 0.73 - 0.81 (m, 2H), 0.85 (d, J=6.80Hz, 6H), 1.26 - 1.34 (m, 2H), 1.41 - 1.58 (m, 2H), 1.74 - 1.89 (m, 2H), 1.97 (s, 6H), 2.26 - 2.43 (m, 3H), 2.62 (dd, J=16.00, 6.80Hz, 1H), 2.65 (dd, 1H, J=14.80, 6.80Hz, 1H), 2.72 (dd, J=16.00, 8.00Hz, 1H), 2.80 (dd, J=14.80, 8.40Hz, 1H), 3.48 - 3.59 (m, 1H), 3.71 - 3.83 (m, 1H), 6.97 - 7.04 (m, 3H), 9.25 (s, 1H), 12.23 (brs, 1H)	453	451	(S)
A-35		(400 MHz, DMSO-d6) 0.42 - 0.52 (m, 2H), 0.75 - 0.87 (m, 2H), 0.83 (d, J=6.40Hz, 6H), 1.22 - 1.33 (m, 2H), 1.37 - 1.57 (m, 2H), 1.73 - 1.87 (m, 2H), 2.20 (s, 6H), 2.26 - 2.41 (m, 3H), 2.55 (dd, J=16.40, 6.80Hz, 1H), 2.61 (dd, 1H, J=15.20, 7.20Hz, 1H), 2.70 (dd, J=16.40, 8.00Hz, 1H), 2.75 (dd, J=15.20, 7.60Hz, 1H), 3.46 - 3.58 (m, 1H), 3.70 - 3.82 (m, 1H), 6.66 (s, 1H), 7.16 (s, 2H), 9.78 (s, 1H), 12.22 (brs, 1H)	453	451	(S)
A-36		(400 MHz, DMSO-d6) 0.84 (d, J=6.40Hz, 6H), 1.02 (t, J=7.20Hz, 3H), 1.25 - 1.34 (m, 2H), 1.44 - 1.58 (m, 1H), 1.73 - 1.88 (m, 2H), 2.00 (s, 3H), 2.21 (s, 3H), 2.26 - 2.42 (m, 5H), 2.55 - 2.74 (m, 4H), 3.40 - 3.52 (m, 1H), 3.52 - 3.64 (m, 1H), 6.91 (d, J=8.40Hz, 1H), 6.97 (s, 1H), 7.11 (s, 1H), 9.23 (s, 1H), 12.24 (brs, 1H)	441	439	(S)

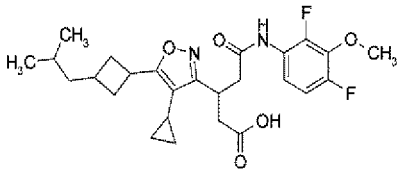
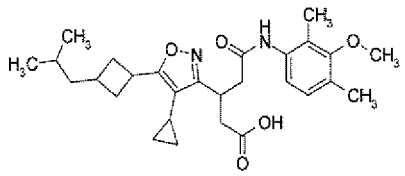
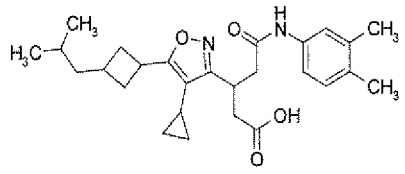
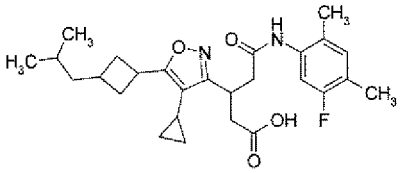
[図10]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-37		(400 MHz, CDCl3) 0.40 - 0.47 (m, 2H), 0.79 - 0.85 (m, 1H), 0.88 (dd, J=12.17, 5.45Hz, 7H), 1.25 (d, J=6.96Hz, 4H), 1.33 - 1.43 (m, 3H), 1.52 - 1.58 (m, 1H), 1.87 - 2.03 (m, 2H), 2.05 (d, J=4.87Hz, 3H), 2.12 - 2.20 (m, 1H), 2.26 (s, 3H), 2.32 - 2.42 (m, 3H), 2.53 (dt, J=5.02, 1.80Hz, 1H), 2.79 (dd, J=13.57, 5.22Hz, 1H), 2.89 (dd, J=13.68, 9.97Hz, 1H), 3.49 - 3.51 (m, 1H), 3.64-3.67 (m, 1H), 6.95 (d, J=4.17Hz, 2H), 7.39 (t, J=4.29Hz, 1H), 7.57 (s, 1H)	481	479	(R)
A-38		(400 MHz, CDCl3) 0.33 - 0.40 (m, 1H), 0.67 - 0.76 (m, 1H), 0.80 - 0.91 (m, 9H), 1.27 - 1.39 (m, 2H), 1.30 (s, 3H), 1.36 (s, 3H), 1.48 - 1.58 (m, 1H), 1.81 - 1.93 (m, 1H), 1.95 (s, 3H), 2.00 - 2.09 (m, 1H), 2.25 (s, 3H), 2.29 - 2.43 (m, 3H), 2.88 (dd, J=13.57, 3.13Hz, 1H), 3.10 (t, J=12.99Hz, 1H), 3.49 - 3.58 (m, 1H), 3.86 - 3.95 (m, 1H), 6.90-6.94 (m, 2H), 7.23 (d, J=8.12Hz, 1H), 7.84 (brs, 1H)	481	479	(S)
A-39		(400 MHz, CDCl3) 0.46 (s, 2H), 0.88 (d, J=6.45Hz, 10H), 1.38 (d, J=5.64Hz, 3H), 2.00 (dd, J=22.36, 9.47Hz, 2H), 2.12 (s, 3H), 2.28 (s, 4H), 2.39 (t, J=10.48Hz, 3H), 2.77 (d, J=8.46Hz, 1H), 2.93 (t, J=10.28Hz, 2H), 3.04 (d, J=8.06Hz, 1H), 3.50 (d, J=8.06Hz, 1H), 3.94 (s, 1H), 6.86 (d, J=7.66Hz, 1H), 7.02 (d, J=7.66Hz, 1H), 7.55 (s, 1H), 7.75 (s, 1H)	467	465	(S)
A-40		(400 MHz, DMSO-d6) 0.41 - 0.53 (m, 2H), 0.73 - 0.82 (m, 2H), 0.84 (d, J=6.80Hz, 6H), 1.00 (t, J=7.20Hz, 3H), 1.25 - 1.34 (m, 2H), 1.38 - 1.58 (m, 2H), 1.74 - 1.88 (m, 2H), 2.24 (s, 3H), 2.29 - 2.45 (m, 5H), 2.55 - 2.68 (m, 2H), 2.68 - 2.82 (m, 2H), 3.47 - 3.59 (m, 1H), 3.69 - 3.82 (m, 1H), 6.92 (d, J=8.00Hz, 1H), 6.98 (s, 1H), 7.08 (d, J=8.00Hz, 1H), 9.21 (s, 1H), 12.22 (brs, 1H)	467	465	(S)

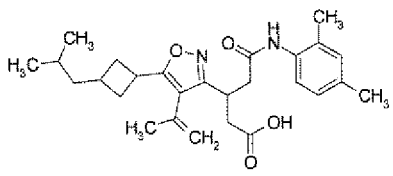
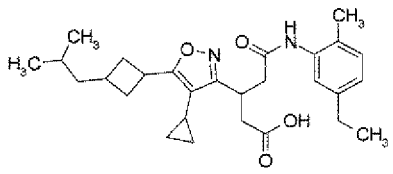
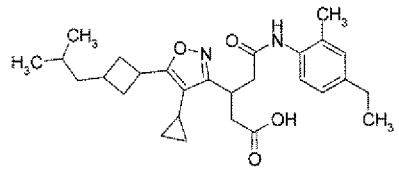
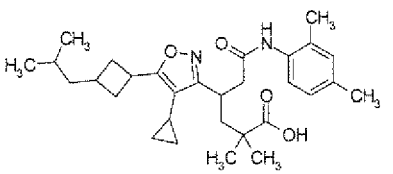
[図11]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M－H	
A－41		(400 MHz, CDCl3) 0.39 - 0.46 (m, 1H), 0.50 - 0.55 (m, 1H), 0.83 - 0.89 (m, 9H), 1.25 (d, J=6.96Hz, 3H), 1.32 - 1.44 (m, 3H), 1.49 - 1.60 (m, 1H), 1.93 - 2.04 (m, 2H), 2.21 (s, 3H), 2.29 (s, 3H), 2.31 - 2.43 (m, 2H), 2.81 (dd, J=16.12, 4.99Hz, 1H), 2.91 - 3.05 (m, 2H), 3.45 - 3.57 (m, 1H), 3.69 - 3.77 (m, 1H), 6.98 - 7.02 (m, 2H), 7.46 (s, 1H), 7.68 (d, J=8.81Hz, 1H)	467	465	(S)
A－42		(400 MHz, $CDCl_3$) 0.44 - 0.61 (m, 2H), 0.83 (d, J=6.72Hz, 6H), 0.87 - 0.94 (m, 2H), 1.19 - 1.37 (m, 4H), 1.39 - 1.55 (m, 2H), 2.02 (s, 3H), 2.07 - 2.23 (m, 3H), 2.26 (s, 3H), 2.35 - 2.46 (m, 1H), 2.68 - 2.78 (m, 3H), 2.88 (dd, J=15.31, 5.33Hz, 1H), 2.98 (dd, J=14.03, 5.10Hz, 1H), 3.07 (dd, J=14.03, 9.39Hz, 1H), 3.95 - 4.05 (m, 1H), 6.98 (d, J=7.65Hz, 1H), 7.04 (t, J=7.65Hz, 1H), 7.34 (d, J=7.65Hz, 1H), 7.88 (brs, 1H)	467	465	(S)
A－43		(400 MHz, $CDCl_3$) 0.46 - 0.60 (m, 2H), 0.83 (d, J=6.72Hz, 6H), 0.87 - 0.93 (m, 2H), 1.24 (t, J=6.96Hz, 2H), 1.31 (t, J=9.86Hz, 2H), 1.39 - 1.54 (m, 2H), 2.10 (s, 3H), 2.11 - 2.23 (m, 3H), 2.28 (s, 3H), 2.36 - 2.45 (m, 1H), 2.68 - 2.78 (m, 3H), 2.89 (dd, J=15.42, 5.22Hz, 1H), 2.97 (dd, J=14.03, 5.10Hz, 1H), 3.07 (dd, J=14.03, 9.16Hz, 1H), 3.97 - 4.01 (m, 1H), 6.86 (d, J=7.65Hz, 1H), 7.02 (d, J=7.65Hz, 1H), 7.52 (s, 1H), 7.85 (brs, 1H)	467	465	(S)
A－44		(400 MHz, DMSO-d6) 0.41 - 0.53 (m, 2H), 0.74 - 0.83 (m, 2H), 0.85 (d, J=6.80Hz, 6H), 1.25 - 1.35 (m, 2H), 1.39 - 1.58 (m, 2H), 1.76 - 1.89 (m, 2H), 1.98 (s, 3H), 2.12 (s, 3H), 2.13 (s, 3H), 2.27 - 2.43 (m, 3H), 2.57 - 2.69 (m, 2H), 2.69 - 2.81 (m, 2H), 3.47 - 3.61 (m, 1H), 3.69 - 3.84 (m, 1H), 6.92 (s, 1H), 7.01 (s, 1H), 9.18 (s, 1H), 12.20 (brs, 1H)	467	465	(S)

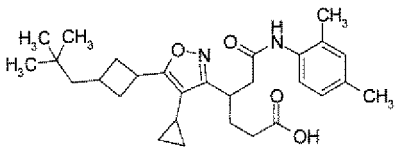
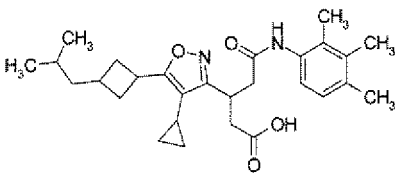
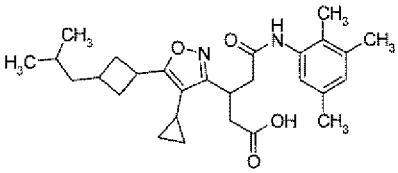
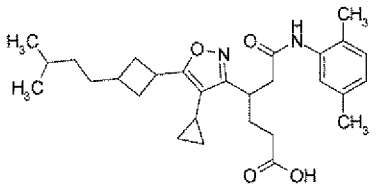
[図12]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-45		(400 MHz, DMSO-d6) 0.41 - 0.52 (m, 2H), 0.75 - 0.88 (m, 2H), 0.84 (d, J=6.80Hz, 6H), 1.25 - 1.34 (m, 2H), 1.39 - 1.59 (m, 2H), 1.73 - 1.88 (m, 2H), 2.26 - 2.42 (m, 3H), 2.58 (dd, J=16.60, 6.80Hz, 1H), 2.65 - 2.78 (m, 2H), 2.82 (dd, J=15.20, 7.60Hz, 1H), 3.47 - 3.60 (m, 1H), 3.68 - 3.82 (m, 1H), 3.91 (s, 3H), 7.02 - 7.12 (m, 1H), 7.36 - 7.46 (m, 1H), 9.77 (s, 1H), 12.25 (brs, 1H)	491	489	(S)
A-46		(400 MHz, DMSO-d6) 0.42 - 0.53 (m, 2H), 0.74 - 0.83 (m, 2H), 0.85 (d, J=6.40Hz, 6H), 1.26 - 1.35 (m, 2H), 1.39 - 1.58 (m, 2H), 1.75 - 1.89 (m, 2H), 1.96 (s, 3H), 2.18 (s, 3H), 2.29 - 2.43 (m, 3H), 2.56 - 2.69 (m, 2H), 2.69 - 2.83 (m, 2H), 3.48 - 3.59 (m, 1H), 3.60 (s, 3H), 3.70 - 3.85 (m, 1H), 6.90 - 6.99 (m, 2H), 9.28 (s, 1H), 12.21 (brs, 1H)	483	481	(S)
A-47		(400 MHz, DMSO-d6) 0.45 - 0.50 (m, 2H), 0.78 - 0.86 (m, 8H), 1.28 (t, J=6.73Hz, 2H), 1.47 (m, 2H), 1.81 (m, 2H), 2.14 (s, 3H), 2.16 (s, 3H), 2.35 (m, 3H), 2.58 (m, 2H), 2.72 (m, 2H), 3.53 (m, 1H), 3.74 - 3.81 (m, 1H), 7.01 (d, J=8.38Hz, 1H), 7.24 (dd, J=8.16, 1.98Hz, 1H), 7.32 (d, J=1.76Hz, 1H), 9.77 (s, 1H), 12.21 (s, 1H)	453	451	(S)
A-48		(400 MHz, CDCl3) 0.45 - 0.52 (m, 2H), 0.87 - 0.89 (m, 2H), 0.87 - 0.89 (br m, 6H), 1.34 (t, J=6.84Hz, 2H), 1.38 - 1.42 (m, 1H), 1.51 - 1.58 (m, 1H), 1.91 - 1.99 (m, 2H), 2.07 (s, 3H), 2.18 (s, 3H), 2.33 - 2.40 (m, 3H), 2.72 - 2.75 (m, 1H), 2.90 - 2.97 (m, 2H), 3.07 - 3.11 (m, 1H), 3.48 - 3.50 (m, 1H), 3.97 - 3.99 (m, 1H), 6.92 (d, J=8.35Hz, 1H), 7.52 (d, J=11.36Hz, 1H), 7.91 (s, 1H)	471	469	(S)

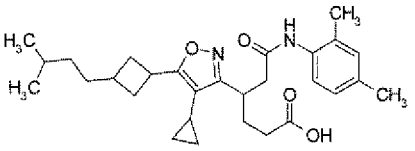
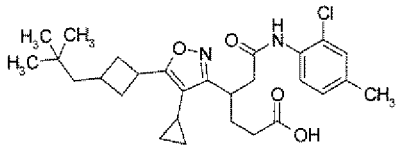
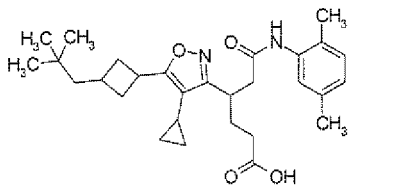
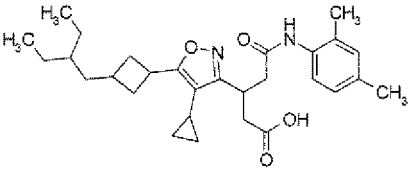
[図13]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M－H	
A－49		(400 MHz, CDCl3) 0.84 - 0.88 (m, 6H), 1.25 - 1.27 (m, 2H), 1.31 - 1.37 (m, 2H), 1.49 - 1.58 (m, 1H), 1.93 - 2.04 (m, 4H), 2.14 (s, 3H), 2.27 (s, 3H), 2.30 - 2.40 (m, 2H), 2.69 (dd, J=15.31, 8.35Hz, 1H), 2.84 (dd, J=15.31, 5.33Hz, 1H), 2.92 (dd, J=14.03, 5.22Hz, 1H), 3.03 (dd, J=14.03, 8.46Hz, 1H), 3.35 - 3.45 (m, 1H), 3.79-3.88 (m, 1H), 4.92 (s, 1H), 5.27 (s, 1H), 6.95 - 6.99 (m, 2H), 7.55 (d, J=8.58Hz, 1H), 7.72 (s, 1H)	453	451	(S)
A－50		(400 MHz, DMSO-d6) 0.38 - 0.54 (m, 2H), 0.71 - 0.87 (m, 2H), 0.83 (d, J=6.40Hz, 6H), 1.11 (t, J=7.60Hz, 3H), 1.25 - 1.34 (m, 2H), 1.38 - 1.57 (m, 2H), 1.74 - 1.88 (m, 2H), 2.01 (s, 3H), 2.26 - 2.41 (m, 3H), 2.50 (q, J=7.60Hz, 2H), 2.57 - 2.68 (m, 2H), 2.68 - 2.81 (m, 2H), 3.46 - 3.59 (m, 1H), 3.67 - 3.83 (m, 1H), 6.89 (d, J=8.00Hz, 1H), 7.06 (d, J=8.00Hz, 1H), 7.10 (s, 1H), 9.24 (s, 1H), 12.19 (brs, 1H)	467	465	(S)
A－51		(400 MHz, DMSO-d6) 0.40 - 0.50 (m, 2H), 0.72 - 0.83 (m, 2H), 0.84 (d, J=6.80Hz, 6H), 1.13 (t, J=7.60Hz, 3H), 1.25 - 1.33 (m, 2H), 1.38 - 1.57 (m, 2H), 1.72 - 1.88 (m, 2H), 2.02 (s, 3H), 2.26 - 2.42 (m, 3H), 2.50 (q, J=7.60Hz, 2H), 2.55 - 2.67 (m, 2H), 2.68 - 2.79 (m, 2H), 3.46 - 3.58 (m, 1H), 3.68 - 3.81 (m, 1H), 6.90 - 6.97 (m, 1H), 6.99 (s, 1H), 7.14 (d, J=8.40Hz, 1H), 9.22 (s, 1H), 12.20 (brs, 1H)	467	465	(S)
A－52		(400 MHz,CDCl3) 0.37 (m, 1H), 0.52 (m, 1H), 0.76 - 0.84 (m, 2H), 0.86 (dd, J=11.03, 4.41Hz, 6H), 1.21 (s, 3H), 1.27 (s, 3H), 1.30 - 1.43 (m, 4H), 1.52 (td, J=13.34, 6.69Hz, 1H), 1.90 (dq, J=35.95, 8.78Hz, 2H), 2.02 (s, 3H), 2.12 (tt, J=24.15, 8.01Hz, 1H), 2.25 (s, 3H), 2.33 (tt, J=15.22, 5.18Hz, 3H), 2.73 - 2.87 (m, 2H), 3.46 (dd, J=17.75, 8.05Hz, 1H), 3.69 (dd, J=9.37, 5.62Hz, 1H), 6.91 (d, J=5.73Hz, 2H), 7.34 (m, 1H), 7.41 (s, 1H)	495	493	(R)

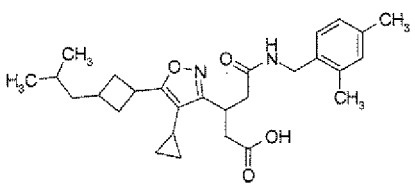
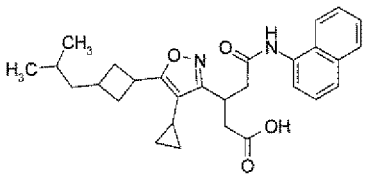
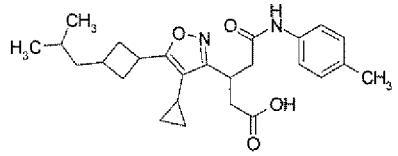
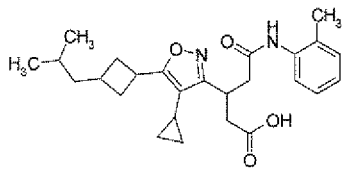
[図14]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-53		(400 MHz, CDCl3) 0.36 (dd, J=9.37, 4.74Hz, 1H), 0.48 (dd, J=9.70, 4.85Hz, 1H), 0.80 - 0.82 (m, 2H), 0.87 (s, 9H), 1.34 - 1.37 (m, 1H), 1.39 (d, J=6.55Hz, 2H), 1.93 - 2.09 (m, 3H), 1.93 (s, 3H), 2.14 - 2.17 (m, 1H), 2.25 (s, 3H), 2.35 - 2.43 (m, 5H), 2.75 (dd, J=13.67, 4.85Hz, 1H), 2.95 (dd, J=13.67, 10.59Hz, 1H), 3.49 - 3.51 (m, 1H), 3.65 - 3.67 (m, 1H), 6.93 - 6.94 (m, 2H), 7.39 (d, J=8.60Hz, 1H), 7.57 (s, 1H)	481	479	(R)
A-54		(400 MHz, CDCl3) 0.47 (m, 2H), 0.79 - 0.89 (m, 8H), 1.23 (td, J=13.34, 6.25Hz, 1H), 1.33 - 1.45 (m, 2H), 1.54 (td, J=13.18, 6.54Hz, 1H), 1.96 (dd, J=17.09, 7.39Hz, 2H), 2.05 (s, 3H), 2.17 (s, 3H), 2.24 (s, 3H), 2.28 - 2.57 (m, 3H), 2.75 (dd, J=15.00, 8.16Hz, 1H), 2.87 - 3.07 (m, 3H), 3.45 - 3.53 (m, 1H), 4.05 (t, J=33.85Hz, 1H), 6.97 (t, J=10.03Hz, 1H), 7.16 (t, J=10.14Hz, 1H), 7.61 (s, 1H)	467	465	(S)
A-55		(400 MHz, CDCl3) 0.47 (m, 2H), 0.87 (m, 8H), 1.39 (dt, J=31.91, 6.89Hz, 3H), 1.51 - 1.58 (m, 1H), 1.97 (dd, J=20.29, 9.48Hz, 5H), 2.23 (s, 3H), 2.25 (s, 3H), 2.38 (d, J=14.11Hz, 3H), 2.78 (dd, J=15.00, 8.16Hz, 1H), 2.98 (tt, J=22.61, 7.02Hz, 3H), 3.50 (dd, J=17.97, 8.49Hz, 1H), 3.94 (t, J=5.62Hz, 1H), 6.83 (s, 1H), 7.22 (t, J=3.86Hz, 1H), 7.65 (s, 1H)	467	465	(S)
A-56		(400 MHz, CDCl3) 0.37 (t, J=5.18Hz, 1H), 0.49 (t, J=5.29Hz, 1H), 0.82 (d, J=8.38Hz, 2H), 0.88 (t, J=7.72Hz, 6H), 1.06 - 1.11 (m, 2H), 1.37 - 1.44 (m, 3H), 1.51 (td, J=13.12, 6.47Hz, 1H), 1.86 - 2.11 (m, 7H), 2.18 (dt, J=22.13, 7.39Hz, 1H), 2.29 (t, J=8.49Hz, 3H), 2.37 (dt, J=25.44, 9.21Hz, 4H), 2.75 (dd, J=13.45, 4.41Hz, 1H), 2.98 (t, J=12.24Hz, 1H), 3.44 - 3.53 (m, 1H), 3.66 (d, J=5.51Hz, 1H), 6.84 (d, J=7.28Hz, 1H), 7.00 (d, J=7.50Hz, 1H), 7.44 (s, 1H), 7.57 (s, 1H)	481	479	(R)

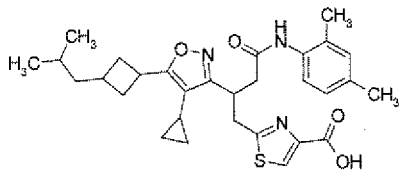
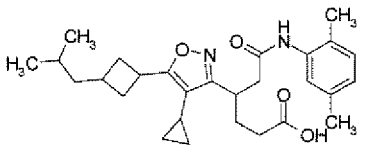
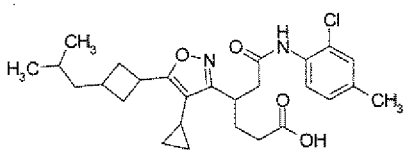
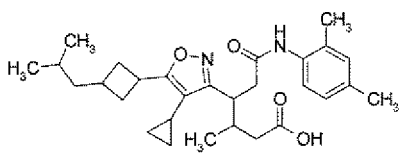
[図15]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-57		(400 MHz, CDCl3) 0.36 (t, J=5.29Hz, 1H), 0.48 (t, J=5.18Hz, 1H), 0.82 (d, J=8.38Hz, 2H), 0.89 (t, J=7.72Hz, 6H), 1.09 (dd, J=15.55, 7.39Hz, 2H), 1.36-1.45 (m, 3H), 1.48 - 1.54 (m, 1H), 1.94 (dq, J=36.22, 9.96Hz, 7H), 2.14 - 2.21 (m, 1H), 2.25 (s, 3H), 2.38 (dd, J=22.05, 13.67Hz, 4H), 2.75 (d, J=10.37Hz, 1H), 2.96 (t, J=11.80Hz, 1H), 3.44 - 3.53 (m, 1H), 3.65 (s, 1H), 6.96 (t, J=11.91Hz, 2H), 7.44 (t, J=13.56Hz, 2H)	481	479	(R)
A-58		(400 MHz, CDCl3) 0.37 - 0.40 (m, 1H), 0.44 - 0.49 (m, 1H), 0.77 - 0.90 (m, 2H), 0.77 (s, 9H), 1.33 - 1.37 (m, 1H), 1.35 (d, J=10.00Hz, 2H), 1.96 - 2.18 (m, 4H), 2.26 (s, 3H), 2.36 - 2.39 (m, 5H), 2.75 (dd, J=14.11, 5.07Hz, 1H), 3.00 - 3.03 (m, 1H), 3.45 - 3.51 (m, 1H), 3.63 - 3.66 (m, 1H), 7.01 (d, J=8.38Hz, 1H), 7.12 (s, 1H), 7.84 (s, 1H), 8.03 (d, J=8.16Hz, 1H)	501	499	(R)
A-59		(400 MHz, CDCl3) 0.36 - 0.37 (m, 1H), 0.48 - 0.50 (m, 1H), 0.81 - 0.82 (m, 2H), 0.87 (s, 9H), 1.37 - 1.38 (m, 1H), 1.37 (d, J=10.00Hz, 2H), 2.00-2.09 (m, 4H), 2.05 (s, 3H), 2.26 (s, 3H), 2.36 - 2.40 (m, 5H), 2.76 (dd, J=13.67, 4.63Hz, 1H), 2.97 (dd, J=12.02, 6.01Hz, 1H), 3.49 - 3.51 (m, 1H), 3.65 - 3.68 (m, 1H), 6.84 (d, J=7.72Hz, 1H), 6.99 (d, J=7.72Hz, 1H), 7.40 (s, 1H), 7.68 (s, 1H)	481	479	(R)
A-60		(400 MHz, CDCl3) 0.53 - 0.38 (m, 2H), 0.84 (t, J=7.25Hz, 6H), 0.89 - 0.79 (m, 2H), 1.20 - 1.11 (m, 1H), 1.32 - 1.20 (m, 4H), 1.43 - 1.33 (m, 3H), 2.04 - 1.87 (m, 2H), 2.10 (s, 3H), 2.25 (s, 3H), 2.43 - 2.28 (m, 3H), 2.79 - 2.65 (m, 1H), 3.01 - 2.84 (m, 2H), 3.11 - 3.01 (m, 1H), 3.55 - 3.42 (m, 1H), 4.00 - 3.90 (m, 1H), 6.98 - 6.91 (m, 2H), 7.50 (d, J=8.46Hz, 1H), 7.78 (s, 1H)	481	479	(S)

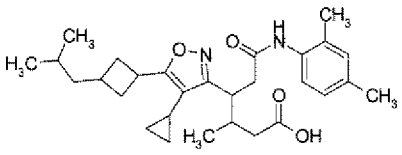
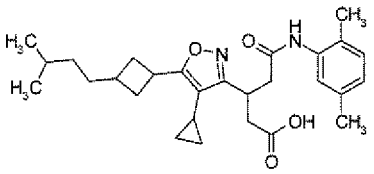
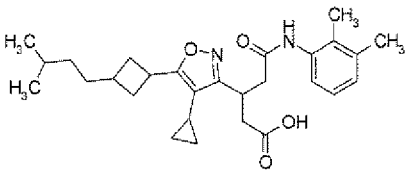
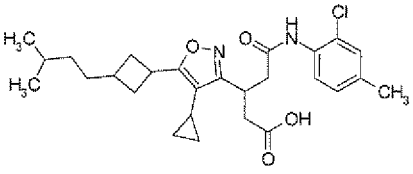
[図16]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M－H	
A-61		(400 MHz, DMSO-d6) 0.40 - 0.50 (m, 2H), 0.73 - 0.80 (m, 2H), 0.85 (d, J=6.40Hz, 6H), 1.26 - 1.34 (m, 2H), 1.36 - 1.46 (m, 1H), 1.46 - 1.58 (m, 1H), 1.76 - 1.88 (m, 2H), 2.14 (s, 3H), 2.22 (s, 3H), 2.28 - 2.71 (m, 7H), 3.46 - 3.59 (m, 1H), 3.64 - 3.77 (m, 1H), 4.09 (dd, J=14.80, 5.60Hz, 1H), 4.18 (dd, J=14.80, 5.60Hz, 1H), 6.89 (d, J=8.40Hz, 1H), 6.93 (s, 1H), 6.96 (d, J=8.40Hz, 1H), 8.18 (t, J=5.60Hz, 1H), 12.18 (brs, 1H)	467	465	(S)
A-62		(400 MHz, CDCl3) 0.40 - 0.49 (m, 2H), 0.82 - 0.86 (m, 2H), 0.85 (d, J=6.62Hz, 6H), 1.27 - 1.30 (m, 2H), 1.37 - 1.39 (m, 1H), 1.48 - 1.54 (m, 1H), 1.85 - 1.96 (m, 2H), 2.32 - 2.33 (m, 3H), 2.77 (dd, J=15.22, 8.16Hz, 1H), 2.92 (dd, J=15.33, 4.96Hz, 1H), 3.10 (dd, J=14.11, 4.85Hz, 1H), 3.23 (dd, J=18.86, 4.74Hz, 1H), 3.45 - 3.47 (m, 1H), 4.04 - 4.06 (m, 1H), 7.39 - 7.43 (m, 3H), 7.64 (d, J=8.16Hz, 1H), 7.77 - 7.79 (m, 3H), 8.60 (s, 1H)	475	473	(S)
A-63		(400 MHz, DMSO-d6) 0.45 - 0.50 (m, 2H), 0.78 - 0.86 (m, 8H), 1.28 (t, J=6.72Hz, 2H), 1.41 - 1.54 (m, 2H), 1.81 (m, 2H), 2.23 (s, 3H), 2.28 - 2.41 (m, 3H), 2.52 - 2.78 (m, 4H), 3.48 - 3.55 (m, 1H), 3.75 - 3.82 (m, 1H), 7.07 (d, J=8.35Hz, 2H), 7.42 (d, J=8.35Hz, 2H), 9.86 (s, 1H), 12.23 (s, 1H)	439	437	(S)
A-64		(400 MHz, DMSO-d6) 0.48 (t, J=2.43Hz, 2H), 0.80 (td, J=4.17, 1.70Hz, 2H), 0.85 (d, J=6.61Hz, 6H), 1.30 (t, J=6.84Hz, 2H), 1.45 - 1.52 (m, 2H), 1.81 - 1.84 (m, 2H), 2.07 (s, 3H), 2.33 - 2.37 (m, 3H), 2.59 - 2.81 (m, 4H), 3.52 - 3.55 (m, 1H), 3.77 - 3.79 (m, 1H), 7.10 - 7.23 (m, 4H), 9.30 (s, 1H), 12.20 (s, 1H)	439	437	(S)

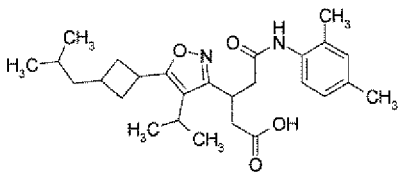
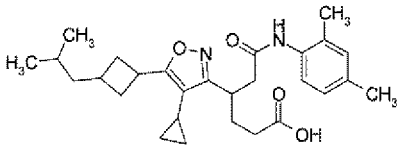
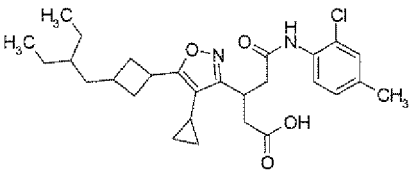
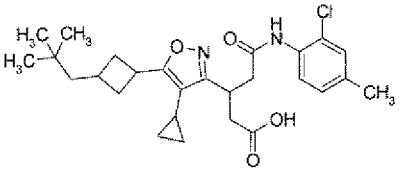
[図17]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-65		(400 MHz, CDCl3) 0.38 - 0.28 (m, 1H), 0.61 - 0.52 (m, 1H), 0.87 (d, J=7.25Hz, 6H), 0.89 - 0.83 (m, 4H), 1.37 - 1.29 (m, 4H), 1.58 - 1.49 (m, 1H), 2.04 (s, 3H), 2.09 - 1.90 (m, 3H), 2.23 (s, 3H), 2.44 - 2.29 (m, 5H), 3.03 - 2.93 (m, 1H), 3.21 - 3.09 (m, 1H), 3.59 - 3.38 (m, 3H), 4.20 - 4.09 (m, 1H), 6.92 - 6.90 (m, 2H), 7.36 (d, J=7.66Hz, 1H), 8.02 (s, 1H), 8.07 (s, 1H)	536	534	(S)
A-66		(400 MHz, DMSO-d6) 0.34 - 0.55 (m, 2H), 0.75 - 0.82 (m, 2H), 0.85 (d, J=6.72Hz, 6H), 1.30 (dd, J=6.84, 6.84Hz, 2H), 1.39 - 1.45 (m, 1H), 1.52 (t, J=40.12Hz, 1H), 1.76 - 1.87 (m, 2H), 1.90 - 1.95 (m, 2H), 2.00 (s, 3H), 2.15 - 2.22 (m, 2H), 2.21 (s, 3H), 2.28 - 2.43 (m, 3H), 2.68 - 2.75 (m, 2H), 3.42 - 3.50 (m, 1H), 3.52 - 3.59 (m, 1H), 6.87 (d, J=7.88Hz, 1H), 7.04 (d, J=7.65Hz, 1H), 7.08 (s, 1H), 9.26 (s, 1H), 12.13 (brs, 1H)	467	465	(R)
A-67		(400 MHz, DMSO-d6) 0.32 - 0.54 (m, 2H), 0.76 - 0.83 (m, 2H), 0.85 (d, J=6.51Hz, 6H), 1.30 (dd, J=6.73, 6.73Hz, 2H), 1.38 - 1.45 (m, 1H), 1.47 - 1.57 (m, 1H), 1.75 - 2.04 (m, 4H), 2.10 - 2.22 (m, 2H), 2.26 (s, 3H), 2.30 - 2.43 (m, 3H), 2.68 - 2.85 (m, 2H), 3.39 - 3.58 (m, 2H), 7.09 (dd, J=8.38, 1.10Hz, 1H), 7.28 (s, 1H), 7.43 (d, J=8.16Hz, 1H), 9.46 (s, 1H), 12.14 (brs, 1H)	487	485	(R)
A-68		(400 MHz, CDCl3) 0.32 - 0.39 (m, 1H), 0.46 - 0.54 (m, 1H), 0.78 - 0.84 (m, 2H), 0.85 - 0.88 (m, 6H), 1.14 (d, J=6.84Hz, 3H), 1.32 - 1.38 (m, 3H), 1.49 - 1.59 (m, 1H), 1.88 (d, J=9.48Hz, 1H), 1.97 - 2.06 (m, 4H), 2.15 (dd, J=15.33, 9.15Hz, 1H), 2.24 (s, 3H), 2.29 - 2.43 (m, 3H), 2.47 - 2.60 (m, 2H), 2.68 (dd, J=13.34, 3.20Hz, 1H), 2.93 (t, J=12.68Hz, 1H), 3.45 - 3.54 (m, 1H), 3.58 - 3.71 (m, 1H), 6.90 - 6.97 (m, 2H), 7.31 (s, 1H), 7.39 (d, J=8.82Hz, 1H)	481	479	(S)

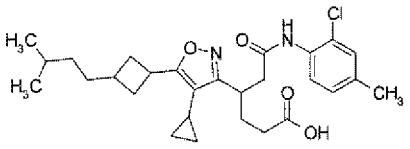
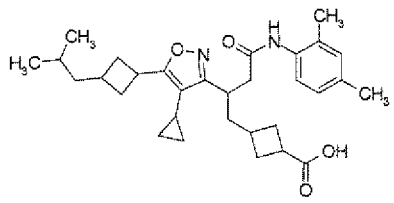
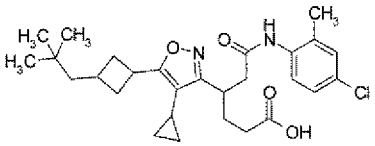
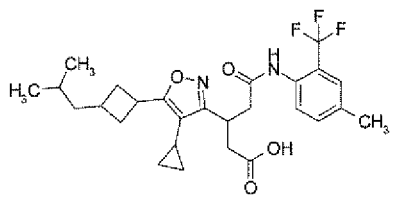
[図18]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-69		(400 MHz, CDCl3) 0.33 - 0.39 (m, 1H), 0.46 - 0.54 (m, 1H), 0.78 - 0.89 (m, 8H), 1.01 (d, J=6.84Hz, 3H), 1.32 - 1.39 (m, 3H), 1.48 - 1.60 (m, 1H), 1.83 - 1.91 (m, 1H), 1.96 - 2.06 (m, 4H), 2.24 (s, 3H), 2.27 - 2.43 (m, 4H), 2.50 - 2.70 (m, 3H), 2.98 (t, J=12.46Hz, 1H), 3.45 - 3.55 (m, 1H), 3.63 - 3.70 (m, 1H), 6.91 - 6.95 (m, 2H), 7.39 (d, J=8.82Hz, 1H), 7.46 - 7.50 (m, 1H)	481	479	(S)
A-70		(400 MHz, CDCl3) 0.43 - 0.53 (m, 2H), 0.88 (d, J=6.8Hz, 6H), 1.06 - 1.12 (m, 2H), 1.37 - 1.45 (m, 3H), 1.48 - 1.55 (m, 1H), 1.88 - 2.02 (m, 2H), 2.11 (s, 3H), 2.18 - 2.27 (m, 2H), 2.29 (s, 3H), 2.33 - 2.40 (m, 2H), 2.75 (dd, J=15.60, 8.00Hz, 2H), 2.94 (ddd, J=18.40, 13.60, 4.80Hz, 2H), 3.07 (dd, J=14.00, 8.80Hz, 1H), 3.46 - 3.55 (m, 1H), 3.92 - 3.98 (m, 1H), 6.87 (d, J=7.60Hz, 1H), 7.03 (d, J=7.60Hz, 1H), 7.55 (s, 1H), 7.80 (s, 1H)	467	465	(S)
A-71		(400 MHz, CDCl3) 0.44 - 0.54 (m, 2H), 0.88 (d, J=6.40Hz, 6H), 1.04 - 1.13 (m, 2H), 1.37 - 1.46 (m, 3H), 1.48 - 1.56 (m, 1H), 1.89 - 2.00 (m, 2H), 2.03 (s, 3H), 2.17 - 2.23 (m, 2H), 2.27 (s, 3H), 2.35 - 2.41 (m, 2H), 2.75 (dd, J=15.20, 8.40Hz, 2H), 2.94 (ddd, J=28.30, 13.80, 5.20Hz, 2H), 3.08 (dd, J=13.80, 9.20Hz, 1H), 3.47 - 3.56 (m, 1H), 3.94 - 4.00 (m, 1H), 6.99 (d, J=7.60Hz, 1H), 7.06 (dd, J=7.60, 7.60Hz, 1H), 7.36 (d, J=7.60Hz, 1H), 7.85 (s, 1H)	467	465	(S)
A-72		(400 MHz, CDCl3) 0.48 - 0.49 (m, 2H), 0.87 (d, J=6.80Hz, 6H), 1.06 - 1.12 (m, 2H), 1.37 - 1.45 (m, 3H), 1.48 - 1.56 (m, 1H), 1.90 - 2.03 (m, 2H), 2.17 - 2.26 (m, 2H), 2.29 (s, 3H), 2.31 - 2.40 (m, 2H), 2.80 (dd, J=16.00, 7.60Hz, 2H), 2.93 (ddd, J=15.40, 15.40, 6.40Hz, 2H), 3.04 (dd, J=14.40, 8.40Hz, 1H), 3.45 - 3.54 (m, 1H), 3.92 - 3.99 (m, 1H), 7.04 (d, J=8.20Hz, 1H), 7.16 (s, 1H), 7.92 (s, 1H), 8.11 (d, J=8.20Hz, 1H)	487	485	(S)

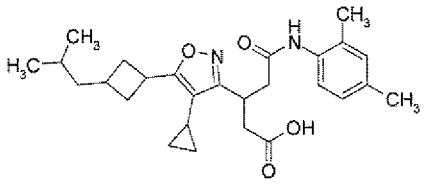
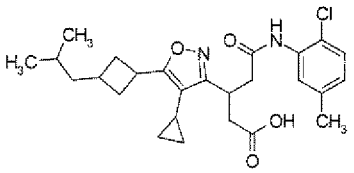
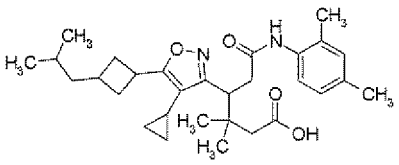
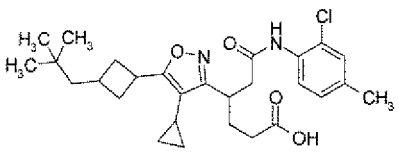
[図19]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
A-73		(400 MHz, CDCl3) 0.83 - 0.90 (m, 6H), 1.12 - 1.23 (m, 6H), 1.35 (t, J=6.72Hz, 2H), 1.49 - 1.59 (m, 1H), 1.92 - 2.06 (m, 2H), 2.08 (d, J=3.48Hz, 3H), 2.26 (s, 3H), 2.29 - 2.42 (m, 3H), 2.65 - 2.86 (m, 3H), 2.89 - 2.96 (m, 1H), 2.97- 3.06 (m, 1H), 3.39 - 3.50 (m, 1H), 3.78 - 3.87 (m, 1H), 6.93 - 6.98 (m, 2H), 7.47 - 7.52 (m, 1H), 7.59 - 7.65 (m, 1H)	455	453	(S)
A-74		(400 MHz, DMSO-d6) 0.32 - 0.42 (m, 1H), 0.44 - 0.53 (m, 1H), 0.72 - 0.86 (m, 2H), 0.84 (d, J=6.40Hz, 6H), 1.25 - 1.34 (m, 2H), 1.35 - 1.45 (m, 1H), 1.46 - 1.58 (m, 1H), 1.74 - 1.88 (m, 2H), 1.88 - 1.97 (m, 2H), 2.00 (s, 3H), 2.28 - 2.43 (m, 3H), 2.66 (dd, J=14.40, 7.20Hz, 1H), 2.75 (dd, J=14.40, 8.00Hz, 1H), 3.41 - 3.49 (m, 1H), 3.50 - 3.60 (m, 1H), 6.91 (d, J=8.00Hz, 1H), 6.96 (s, 1H), 7.09 (d, J=8.00Hz, 1H), 9.23 (s, 1H), 12.10 (brs, 1H)	467	465	(S)
A-75		(400 MHz, CDCl3) 0.50 - 0.45 (m, 2H), 0.83 (t, J=7.25Hz, 6H), 0.89 - 0.82 (m, 2H), 1.20 - 1.10 (m, 1H), 1.29 - 1.23 (m, 4H), 1.41 - 1.35 (m, 3H), 2.03 - 1.92 (m, 2H), 2.28 (s, 3H), 2.39 - 2.30 (m, 3H), 2.79 (dd, J=15.72, 7.25Hz, 1H), 2.97 - 2.89 (m, 2H), 3.03 (dd, J=14.91, 8.46Hz, 1H), 3.53 - 3.44 (m, 1H), 3.99 - 3.92 (m, 1H), 7.02 (d, J=8.06Hz, 1H), 7.14(s, 1H), 7.91 (s, 1H), 8.10 (d, J=8.06Hz, 1H)	501	499	(S)
A-76		(400 MHz, DMSO-d6) 0.44 - 0.50 (m, 2H), 0.79 (m, 2H), 0.88 (s, 9H), 1.34 (m, 2H), 1.44 (dd, J=9.97, 8.12Hz, 1H), 1.88 (dd, J=12.52, 8.58Hz, 2H), 2.27 (s, 3H), 2.37 - 2.43 (m, 3H), 2.59 - 2.83 (m, 4H), 3.52 - 3.57 (m, 1H), 3.72 - 3.80 (m, 1H), 7.10 (d, J=7.88Hz, 1H), 7.29 (s, 1H), 7.45 (d, J=8.35Hz, 1H), 9.47 (s, 1H), 12.26 (s, 1H).	487	485	(S)

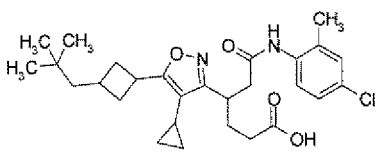
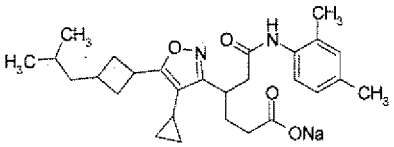
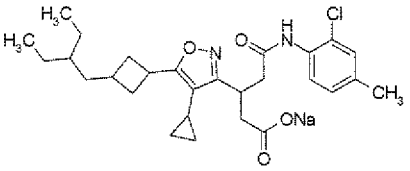
[図20]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M−H	
A-77		(400 MHz, CDCl3) 0.41 - 0.37 (m, 1H), 0.49 - 0.44 (m, 1H), 0.87 (d, J=6.04Hz, 6H), 0.90 - 0.81 (m, 2H), 1.11 - 1.06 (m, 2H), 1.54 - 1.33 (m, 4H), 2.03 - 1.89 (m, 2H), 2.23 - 2.07 (m, 2H), 2.27 (s, 3H), 2.44 - 2.31 (m, 4H), 2.74 (dd, J=14.51, 5.24Hz, 1H), 3.01 (dd, J=14.91, 9.27Hz, 1H), 3.53 - 3.44 (m, 1H), 3.67 - 3.60 (m, 1H), 7.02 (d, J=8.46Hz, 1H), 7.14 (s, 1H), 7.76 (s, 1H), 8.07 (d, J=7.66Hz, 1H)	501	499	(R)
A-78		(400 MHz, CDCl3) 0.36 - 0.37 (m, 1H), 0.47 - 0.48 (m, 1H), 0.79 - 0.90 (m, 2H), 0.87 (d, J=6.62Hz, 6H), 1.31 - 1.35 (m, 3H), 1.52 - 1.55 (m, 1H), 1.85 - 1.97 (m, 6H), 2.00 (s, 3H), 2.25 (s, 3H), 2.31 - 2.39 (m, 6H), 2.69 (dd, J=13.56, 4.30Hz, 1H), 2.88 - 2.99 (m, 2H), 3.46 - 3.50 (m, 2H), 6.93 - 6.94 (m, 2H), 7.41 - 7.43 (m, 1H), 7.51 (s, 1H)	507	505	(R)
A-79		(400 MHz, CDCl3) 0.35 - 0.40 (m, 1H), 0.45 - 0.49 (m, 1H), 0.80 - 0.83 (m, 2H), 0.87 (s, 9H), 1.33 - 1.37 (m, 1H), 1.37 (d, J=5.95Hz, 2H), 1.92 (dd, J=21.28, 11.14Hz, 1H), 2.00 - 2.21 (m, 3H), 2.03 (s, 3H), 2.32 - 2.45 (m, 5H), 2.77 (dd, J=13.89, 4.63Hz, 1H), 2.97 (dd, J=13.67, 10.81Hz, 1H), 3.46 - 3.55 (m, 1H), 3.66 - 3.71 (m, 1H), 7.08 - 7.10 (m, 2H), 7.53 (d, J=9.15Hz, 1H), 7.86 (s, 1H)	501	499	(R)
A-80		(400 MHz, DMSO-d6) 0.42 - 0.51 (m, 2H), 0.75 - 0.82 (m, 2H), 0.85 (d, J=6.40Hz, 6H), 1.26 - 1.35 (m, 2H), 1.39 - 1.58 (m, 2H), 1.76 - 1.91 (m, 2H), 2.29 - 2.43 (m, 3H), 2.36 (s, 3H), 2.55 - 2.83 (m, 4H), 3.48 - 3.61 (m, 1H), 3.68 - 3.81 (m, 1H), 7.26 (d, J=8.40Hz, 1H), 7.45 (d, J=8.40Hz, 1H), 7.51 (s, 1H), 9.53 (s, 1H), 12.20 (brs, 1H)	507	505	(S)

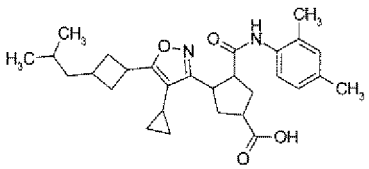
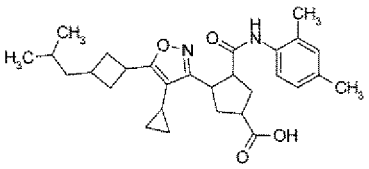
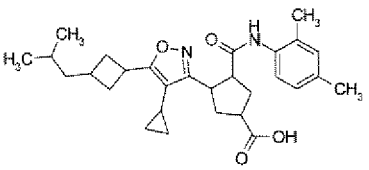
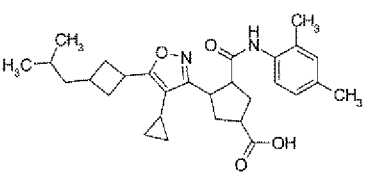
[図21]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学
			M+H	M-H	
A-81		(400 MHz, DMSO-d6) 0.46 - 0.47 (m, 2H), 0.77 - 0.80 (m, 2H), 0.84 (s, 6H), 1.29 (t, J=6.72Hz, 2H), 1.43 - 1.51 (m, 2H), 1.81 - 1.84 (m, 2H), 2.01 (s, 3H), 2.22 (s, 3H), 2.29 - 2.40 (m, 3H), 2.57 - 2.77 (m, 4H), 3.50 - 3.54 (m, 1H), 3.72 - 3.79 (m, 1H), 6.91 (d, J=8.12Hz, 1H), 6.97 (s, 1H), 7.13 (d, J=8.12Hz, 1H), 9.23 (s, 1H), 12.22 (s, 1H)	453	451	(S)
A-82		(400 MHz, DMSO-d6) 0.41 - 0.52 (m, 2H), 0.74 - 0.89 (m, 2H), 0.84 (d, J=6.40Hz, 6H), 1.24 - 1.34 (m, 2H), 1.37 - 1.58 (m, 2H), 1.75 - 1.89 (m, 2H), 2.26 (s, 3H), 2.28 - 2.43 (m, 3H), 2.55 - 2.87 (m, 4H), 3.45 - 3.61 (m, 1H), 3.68 - 3.83 (m, 1H), 6.99 (d, J=8.40, 1H), 7.32 (d, J=8.40Hz, 1H), 7.44 (s, 1H), 9.46 (s, 1H), 12.22 (brs, 1H)	473	471	(S)
A-83		(400 MHz, CDCl3) 0.29 - 0.34 (m, 1H), 0.58 - 0.64 (m, 1H), 0.78 - 0.83 (m, 2H), 0.86 - 0.90 (m, 6H), 1.16 (s, 3H), 1.23 (s, 3H), 1.27 - 1.39 (m, 3H), 1.50 - 1.59 (m, 1H), 1.82 - 1.91 (m, 1H), 1.92 (s, 3H), 2.00 - 2.08 (m, 1H), 2.25 (s, 3H), 2.30 - 2.48 (m, 5H), 2.78 - 2.93 (m, 2H), 3.47 - 3.56 (m, 1H), 3.70 (dd, J=11.71, 4.06Hz, 1H), 6.90 - 6.93 (m, 2H), 7.06 (s, 1H), 7.21 - 7.25 (m, 1H)	495	493	(S)
B-1		(400 MHz, CDCl3) 0.31 - 0.49 (m, 2H), 0.79 - 0.84 (m, 2H), 0.87 (s, 9H), 1.31 - 1.40 (m, 1H), 1.44 (d, J=6.84Hz, 2H), 2.02 - 2.23 (m, 4H), 2.27 (s, 3H), 2.33 - 2.50 (m, 4H), 2.67 - 2.77 (m, 2H), 3.03 (dd, J=14.34, 9.04Hz, 1H), 3.69 - 3.60 (m, 2H), 7.02 (d, J=8.38Hz, 1H), 7.13 (s, 1H), 7.78 (s, 1H), 8.09 (d, J=8.38Hz, 1H)	501	499	(R)

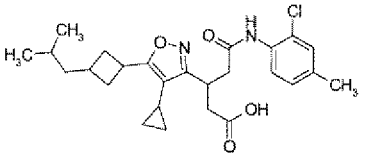
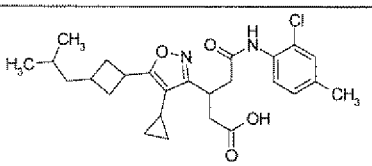
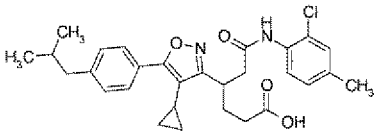
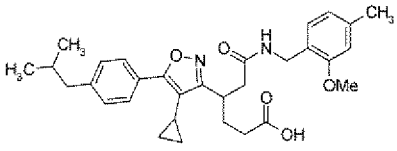
[図22]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学
			M+H	M-H	
B-2		(400 MHz, CDCl3) 0.30 - 0.49 (m, 2H), 0.76 - 0.85 (m, 2H), 0.87 (s, 9H), 1.31 - 1.41 (m, 2H), 1.45 (d, J=6.75Hz, 2H), 1.99 - 2.13 (m, 5H), 2.13 - 2.24 (m, 1H), 2.28 - 2.51 (m, 4H), 2.62 - 2.73 (m, 1H), 2.78 (dd, J=13.72, 4.42Hz, 1H), 3.00 (dd, J=13.37, 10.82Hz, 1H), 3.60 - 3.72 (m, 2H), 7.10 (d, J=1.86Hz, 2H), 7.58 (d, J=9.07Hz, 1H), 7.75 (s, 1H)	501	499	(R)
A-84		(400 MHz, DMSO-d6) 0.37 - 0.49 (m, 2H), 0.75 - 0.80 (m, 2H), 0.84 (d, J=6.80Hz, 6H), 1.30 (t, J=6.80Hz, 2H), 1.37 - 1.44 (m, 1H), 1.47 - 1.56 (m, 1H), 1.76 - 1.89 (m, 6H), 2.02 (s, 3H), 2.21 (s, 3H), 2.28 - 2.41 (m, 3H), 2.61 - 2.72 (m, 2H), 3.36 - 3.40 (m, 2H), 3.48 - 3.56 (m, 1H), 6.90 (d, J=8.00Hz, 1H), 6.95 (s, 1H), 7.11 (d, J=8.40Hz, 1H), 9.55 (s, 1H)	467	465	(R)
A-85		(400 MHz, DMSO-d6) 0.43 - 0.48 (m, 2H), 0.73 - 0.77 (m, 2H), 0.80 (t, J=7.60Hz, 6H), 1.10 - 1.17 (m, 1H), 1.20 - 1.27 (m, 3H), 1.33 (t, J=6.40Hz, 2H), 1.38 - 1.45 (m, 1H), 1.77 - 1.86 (m, 2H), 2.12 - 2.18 (m, 1H), 2.25 (s, 3H), 2.29 - 2.38 (m, 3H), 2.66 - 2.73 (m, 1H), 2.83 (dd, J=14.60, 4.80Hz, 1H), 3.25 - 3.40 (m, 2H), 3.47 - 3.54 (m, 1H), 3.59 - 3.67 (m, 1H), 7.06 (d, J=6.80Hz, 1H), 7.25 (s, 1H), 7.49 (d, J=8.00Hz, 1H), 10.21 (brs, 1H)	501	499	(S)

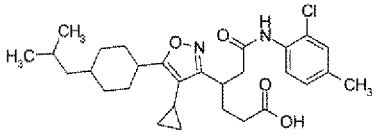
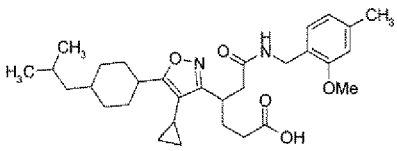
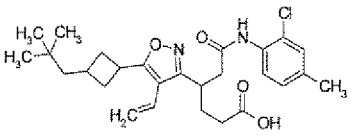
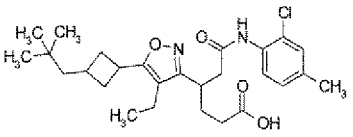
[図23]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-86		(400 MHz, CDCl3) 0.37 - 0.42 (m, 2H), 0.79 - 0.85 (m, 2H), 0.85 - 0.90 (m, 6H), 1.32 - 1.38 (m, 3H), 1.50 - 1.59 (m, 1H), 1.88 - 1.96 (m, 1H), 1.96 - 2.05 (m, 1H), 2.05 - 2.08 (m, 3H), 2.23 - 2.28 (m, 3H), 2.32 - 2.49 (m, 5H), 2.57 - 2.70 (m, 1H), 2.72 - 2.84 (m, 1H), 3.08 - 3.19 (m, 2H), 3.41 - 3.66 (m, 2H), 6.91 - 6.95 (m, 1H), 6.95 - 7.00 (m, 1H), 7.69 - 7.75 (m, 1H), 7.89 - 7.94 (m, 1H)	479	477	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料
A-87		(400 MHz, CDCl3) 0.37 - 0.42 (m, 2H), 0.79 - 0.85 (m, 2H), 0.85 - 0.90 (m, 6H), 1.32 - 1.38 (m, 3H), 1.50 - 1.59 (m, 1H), 1.88 - 1.96 (m, 1H), 1.96 - 2.05 (m, 1H), 2.05 - 2.08 (m, 3H), 2.23 - 2.28 (m, 3H), 2.32 - 2.49 (m, 5H), 2.57 - 2.70 (m, 1H), 2.72 - 2.84 (m, 1H), 3.08 - 3.19 (m, 2H), 3.41 - 3.66 (m, 2H), 6.91 - 6.95 (m, 1H), 6.95 - 7.00 (m, 1H), 7.69 - 7.75 (m, 1H), 7.89 - 7.94 (m, 1H)	479	477	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料 ・ A-86の鏡像異性体
A-88		(400 MHz, CDCl3) 0.37 - 0.42 (m, 2H), 0.75 - 0.85 (m, 2H), 0.85 - 0.90 (m, 6H), 1.32 - 1.38 (m, 3H), 1.51 - 1.58 (m, 1H), 1.88 - 1.97 (m, 1H), 1.97 - 2.03 (m, 1H), 2.04 - 2.08 (m, 3H), 2.23 - 2.27 (m, 3H), 2.32 - 2.44 (m, 5H), 2.60 - 2.71 (m, 1H), 2.71 - 2.85 (m, 1H), 3.14 - 3.25 (m, 1H), 3.38 - 3.57 (m, 2H), 3.57 - 3.69 (m, 1H), 6.91 - 6.95 (m, 1H), 6.95 - 6.99 (m, 1H), 7.69 - 7.75 (m, 1H), 7.89 - 7.94 (m, 1H)	479	477	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料 ・ A-86のジアステレオマー
A-89		(400 MHz, CDCl3) 0.37 - 0.42 (m, 2H), 0.75 - 0.85 (m, 2H), 0.85 - 0.90 (m, 6H), 1.32 - 1.38 (m, 3H), 1.51 - 1.58 (m, 1H), 1.88 - 1.97 (m, 1H), 1.97 - 2.03 (m, 1H), 2.04 - 2.08 (m, 3H), 2.23 - 2.27 (m, 3H), 2.32 - 2.44 (m, 5H), 2.60 - 2.71 (m, 1H), 2.71 - 2.85 (m, 1H), 3.14 - 3.25 (m, 1H), 3.38 - 3.57 (m, 2H), 3.57 - 3.69 (m, 1H), 6.91 - 6.95 (m, 1H), 6.95 - 6.99 (m, 1H), 7.69 - 7.75 (m, 1H), 7.89 - 7.94 (m, 1H)	479	477	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料 ・ A-86のジアステレオマー

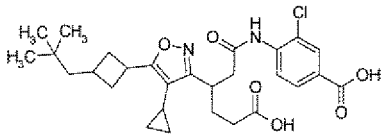
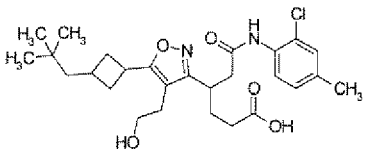
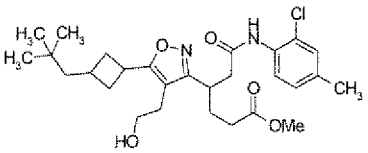
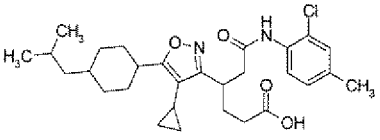
[図24]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
B-3		(400 MHz, CDCl3) 0.41 - 0.50 (m, 2H), 0.83 - 0.88 (m, 2H), 0.87 (d, J=6.62Hz, 6H), 1.32 - 1.43 (m, 3H), 1.55 (m, 1H), 1.95 - 2.04 (m, 2H), 2.28 (s, 3H), 2.34 - 2.59 (m, 3H), 2.78 - 3.07 (m, 4H), 3.64 - 3.72 (m, 1H), 3.93 - 4.00 (m, 1H), 7.03 (dd, J=8.27, 1.65Hz, 1H), 7.15 (s, 1H), 7.89 (s, 1H), 8.12 (d, J=8.38Hz, 1H)	473	471	(S)	なし
B-4		(400 MHz, CDCl3) 0.43 - 0.49 (m, 2H), 0.84 - 0.88 (m, 2H), 0.87 (d, J=6.62Hz, 6H), 1.38 - 1.43 (m, 3H), 1.94 - 2.04 (m, 2H), 2.28 (s, 3H), 2.37 - 2.50 (m, 2H), 2.50 - 2.62 (m, 1H), 2.80 - 3.06 (m, 4H), 3.64 - 3.73 (m, 1H), 3.92 - 3.99 (m, 1H), 7.04 (dd, J=8.16, 1.32Hz, 1H), 7.16 (s, 1H), 7.86 (s, 1H), 8.13 (d, J=8.16Hz, 1H)	473	471	(R)	なし
C-1		(400 MHz, CDCl3) 0.27 - 0.38 (m, 1H), 0.47 - 0.58 (m, 1H), 0.84 - 1.03 (m, 2H), 0.92 (d, J=6.40Hz, 6H), 1.59 - 1.70 (m, 1H), 1.84 - 1.97 (m, 1H), 2.08 - 2.32 (m, 2H), 2.27 (s, 3H), 2.39 - 2.57 (m, 2H), 2.52 (d, J=7.20Hz, 2H), 2.80 (dd, J=14.40, 5.20Hz, 1H), 3.09 (dd, J=14.40, 9.60Hz, 1H), 3.74 - 3.85 (m, 1H), 7.02 (d, J=8.40Hz, 1H), 7.12 (s, 1H), 7.23 (d, J=8.40Hz, 2H), 7.73 (d, J=8.40Hz, 2H), 7.80 (brs, 1H), 8.08 (d, J=8.40Hz, 1H)	509	507	(R)	なし
C-2		(400 MHz, CDCl3) 0.18 - 0.27 (m, 1H), 0.39 - 0.49 (m, 1H), 0.82 - 1.02 (m, 2H), 0.94 (d, J=7.20Hz, 6H), 1.50 - 1.60 (m, 1H), 1.85 - 1.98 (m, 1H), 1.99 - 2.22 (m, 2H), 2.17 (s, 3H), 2.34 - 2.47 (m, 2H), 2.54 (d, J=7.20Hz, 2H), 2.61 (dd, J=14.00, 5.60Hz, 1H), 2.75 (dd, J=14.00, 10.00Hz, 1H), 3.66 - 3.83 (m, 1H), 3.78 (s, 3H), 4.24 (dd, J=14.40, 5.60Hz, 1H), 4.34 (dd, J=14.40, 6.40Hz, 1H), 6.20 - 6.28 (m, 1H), 6.53 - 6.57 (m, 1H), 6.54 (s, 1H), 6.95 (d, J=8.00Hz, 1H), 7.24 (d, J=8.00Hz, 2H), 7.73 (d, J=8.00Hz, 2H)	519	517	(R)	なし

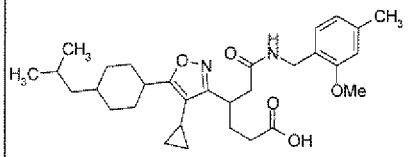
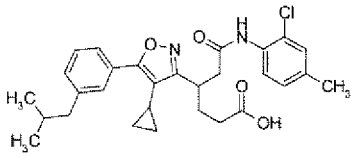
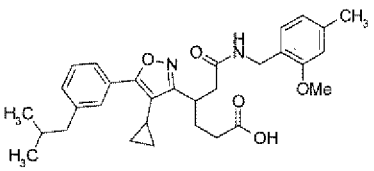
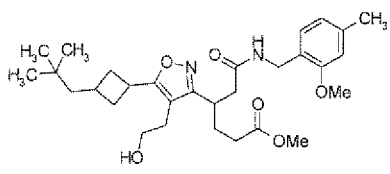
[図25]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
D-1		(400 MHz, CDCl3) 0.38 - 0.44 (m, 1H), 0.46 - 0.54 (m, 1H), 0.78 - 0.89 (m, 2H), 0.86 (d, J=6.52Hz, 6H), 1.19 (t, J=7.00Hz, 2H), 1.33 - 1.40 (m, 1H), 1.40 - 1.66 (m, 8H), 1.76 - 1.90 (m, 2H), 2.03 - 2.22 (m, 2H), 2.25 (s, 3H), 2.36 - 2.45 (m, 2H), 2.73 (dd, J=14.00, 5.36Hz, 1H), 2.95 - 3.07 (m, 2H), 3.60 - 3.68 (m, 1H), 7.00 (d, J=8.00Hz, 1H), 7.11 (s, 1H), 7.71 (brs, 1H), 8.06 (d, J=8.00Hz, 1H)	515	513	(R)	なし
D-2		(400 MHz, CDCl3) 0.33 - 0.41 (m, 1H), 0.45 - 0.53 (m, 1H), 0.80 - 0.92 (m, 2H), 0.88 (d, J=6.80Hz, 6H), 1.19 (t, J=7.20Hz, 2H), 1.32 - 1.40 (m, 1H), 1.41 - 1.70 (m, 8H), 1.78 - 1.91 (m, 2H), 1.95 - 2.16 (m, 2H), 2.28 - 2.42 (m, 2H), 2.32 (s, 3H), 2.54 (dd, J=14.40, 6.00Hz, 1H), 2.70 (dd, J=14.40, 8.40Hz, 1H), 2.96 - 3.05 (m, 1H), 3.55 - 3.66 (m, 1H), 3.81 (s, 3H), 4.24 - 4.37 (m, 2H), 6.20 (dd, J=5.60, 5.60Hz, 1H), 6.64 (s, 1H), 6.66 (d, J=7.60Hz, 1H), 7.01 (d, J=7.60Hz, 1H)	525	523	(R)	なし
A-90		(400 MHz, CDCl3) 0.87 (s, 9H), 1.39 (d, J=6.18Hz, 2H), 2.06 - 2.14 (m, 4H), 2.27 (s, 3H), 2.32 - 2.46 (m, 5H), 2.74 (dd, J=14.45, 5.62Hz, 1H), 3.02 (dd, J=14.45, 8.93Hz, 1H), 3.44 - 3.61 (m, 2H), 5.35 (ddd, J=14.56, 8.38, 1.21Hz, 2H), 6.37 (dd, J=17.64, 11.47Hz, 1H), 7.01 (d, J=9.70Hz, 1H), 7.14 (s, 1H), 7.82 (s, 1H), 8.07 (d, J=8.38Hz, 1H)	487	485	(R)	なし
A-91		(400 MHz, CDCl3) 0.87 (s, 9H), 1.03 (t, J=7.28Hz, 3H), 1.40 (d, J=11.69Hz, 2H), 2.04 - 2.11 (m, 4H), 2.26 - 2.39 (m, 10H), 2.75 (dd, J=14.11, 4.52Hz, 1H), 2.98 (dd, J=13.23, 9.70Hz, 1H), 3.31 - 3.49 (m, 2H), 7.01 (d, J=7.94Hz, 1H), 7.13 (s, 1H), 7.81 (s, 1H), 8.03 (d, J=7.94Hz, 1H)	489	487	(R)	なし

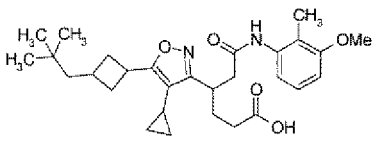
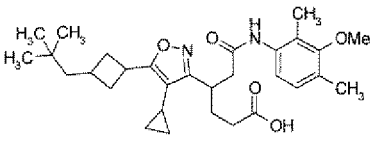
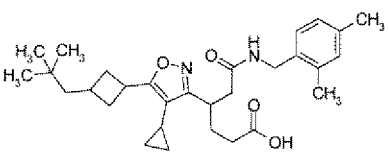
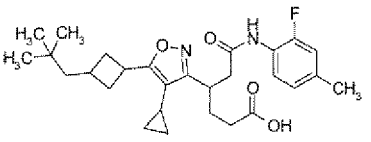
[図26]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-92		(400 MHz, DMSO-d6) 0.38 - 0.43 (m, 1H), 0.46 - 0.51 (m, 1H), 0.78 - 0.83 (m, 2H), 0.85 (s, 9H), 1.33 (d, J=6.00Hz, 2H), 1.38 - 1.45 (m, 1H), 1.83 - 1.96 (m, 4H), 2.13 - 2.24 (m, 2H), 2.36 - 2.43 (m, 3H), 2.83 (dd, J=15.20, 6.80Hz, 1H), 2.94 (dd, J=15.40, 8.00Hz, 1H), 3.43 - 3.59 (m, 2H), 7.84 (dd, J=8.40, 2.00Hz, 1H), 7.92 (d, J=8.80Hz, 1H), 7.92 (d, J=2.00Hz, 1H), 9.65 (s, 1H)	531	529	(R)	なし
A-93		(400 MHz, CDCl3) 0.87 (s, 9H), 1.03 (t, J=7.28Hz, 3H), 1.40 (d, J=11.69Hz, 2H), 2.04 - 2.11 (m, 4H), 2.26 - 2.39 (m, 10H), 2.75 (dd, J=14.11, 4.52Hz, 1H), 2.98 (dd, J=13.23, 9.70Hz, 1H), 3.31 - 3.49 (m, 2H), 7.01 (d, J=7.94Hz, 1H), 7.13 (s, 1H), 7.81 (s, 1H), 8.03 (d, J=7.94Hz, 1H)	505	503	(R)	なし
A-94		(400 MHz, CDCl3) 0.87 (s, 9H), 1.38 (d, J=5.95Hz, 2H), 2.02 - 2.09 (m, 4H), 2.27 (s, 3H), 2.35 - 2.41 (m, 5H), 2.51 - 2.61 (m, 2H), 2.77 (dd, J=14.89, 4.74Hz, 1H), 3.06 (dd, J=14.78, 10.37Hz, 1H), 3.34 - 3.38 (m, 1H), 3.48 - 3.50 (m, 1H), 3.48 (s, 3H), 3.63 - 3.72 (m, 2H), 7.00 (d, J=8.38Hz, 1H), 7.14 (s, 1H), 7.67 (s, 1H), 8.03 (d, J=8.38Hz, 1H)	519	517	(R)	なし
D-3		(400 MHz, DMSO-d6) 0.37 - 0.46 (m, 1H), 0.49 - 0.58 (m, 1H), 0.77 - 0.90 (m, 2H), 0.85 (d, J=6.40Hz, 6H), 0.91 - 1.11 (m, 2H), 1.07 (t, J=7.20Hz, 2H), 1.29 - 1.85 (m, 9H), 1.87 - 1.99 (m, 2H), 2.09 - 2.31 (m, 2H), 2.27 (s, 3H), 2.65 - 2.89 (m, 3H), 3.42 - 3.54 (m, 1H), 7.09 (d, J=8.00Hz, 1H), 7.28 (s, 1H), 7.42 (d, J=8.00Hz, 1H), 9.45 (s, 1H), 12.08 (brs, 1H)	515	513	(R)	なし

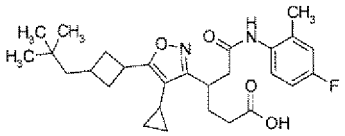
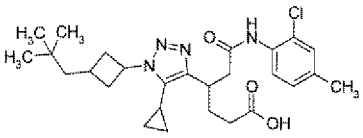
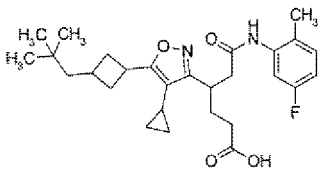
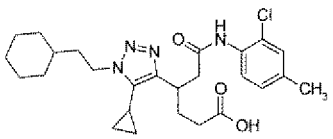
[図27]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
D-4		(400 MHz, DMSO-d6) 0.34 - 0.44 (m, 1H), 0.47 - 0.56 (m, 1H), 0.73 - 0.91 (m, 2H), 0.86 (d, J=6.40Hz, 6H), 0.91 - 1.13 (m, 2H), 1.07 (t, J=7.20Hz, 2H), 1.30 - 1.46 (m, 2H), 1.46 - 1.92 (m, 9H), 2.06 - 2.22 (m, 2H), 2.27 (s, 3H), 2.43 - 2.62 (m, 2H), 2.77 - 2.88 (m, 1H), 3.20 - 3.47 (m, 1H), 3.75 (s, 3H), 4.06 - 4.19 (m, 2H), 6.64 (d, J=7.20Hz, 1H), 6.76 (s, 1H), 6.89 (d, J=7.20Hz, 1H), 8.14 (dd, J=6.00, 6.00Hz, 1H), 12.06 (brs, 1H)	525	523	(R)	なし
C-3		(400 MHz, DMSO-d6) 0.15 - 0.28 (m, 1H), 0.41 - 0.51 (m, 1H), 0.81 - 0.99 (m, 2H), 0.89 (d, J=7.20Hz, 6H), 1.71 - 1.82 (m, 1H), 1.82 - 2.07 (m, 3H), 2.17 - 2.36 (m, 2H), 2.27 (s, 3H), 2.54 (d, J=7.20Hz, 2H), 2.80 (dd, J=14.80, 6.40Hz, 1H), 2.92 (dd, J=14.80, 8.00Hz, 1H), 3.56 - 3.68 (m, 1H), 7.09 (d, J=7.20Hz, 1H), 7.25 - 7.33 (m, 1H), 7.28 (s, 1H), 7.40 - 7.50 (m, 2H), 7.58 - 7.66 (m, 2H), 9.51 (s, 1H), 12.12 (brs, 1H)	509	507	(R)	なし
C-4		(400 MHz, DMSO-d6) 0.13 - 0.23 (m, 1H), 0.40 - 0.51 (m, 1H), 0.83 - 0.99 (m, 2H), 0.90 (d, J=7.20Hz, 6H), 1.67 - 1.78 (m, 1H), 1.83 - 2.00 (m, 3H), 2.16 - 2.30 (m, 2H), 2.21 (s, 3H), 2.46 - 2.62 (m, 1H), 2.55 (d, J=6.80Hz, 2H), 2.69 (dd, J=14.40, 9.20Hz, 1H), 3.53 - 3.63 (m, 1H), 3.75 (s, 3H), 4.07 (dd, J=15.60, 6.00Hz, 1H), 4.18 (dd, J=15.60, 6.00Hz, 1H), 6.50 (d, J=7.20Hz, 1H), 6.74 (s, 1H), 6.79 (d, J=7.60Hz, 1H), 7.31 (d, J=7.60Hz, 1H), 7.42 - 7.50 (m, 1H), 7.58 - 7.67 (m, 2H), 8.20 (dd, J=6.00, 6.00Hz, 1H), 12.11 (brs, 1H)	519	517	(R)	なし
A-95		(400 MHz, CDCl3) 0.87 (s, 9H), 1.39 (d, J=6.18Hz, 2H), 1.95 - 2.02 (m, 4H), 2.27 - 2.46 (m, 4H), 2.27 (s, 3H), 2.50 - 2.55 (m, 3H), 2.75 (dd, J=14.67, 10.48Hz, 1H), 3.30 - 3.44 (m, 2H), 3.58 - 3.61 (m, 1H), 3.58 (s, 1H), 3.71 (dd, J=10.81, 5.51Hz, 1H), 3.81 (s, 3H), 4.22 - 4.33 (m, 2H), 6.07 (s, 1H), 6.07 (t, J=5.62Hz, 1H), 6.65 - 6.68 (m, 2H), 6.67 (s, 1H), 6.98 (d, J=7.50Hz, 1H)	529	527	(R)	なし

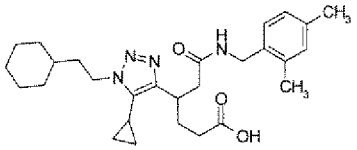
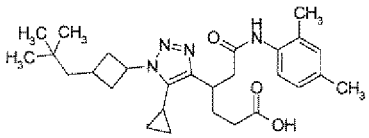
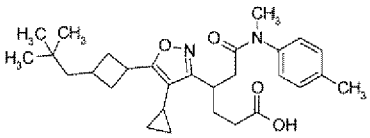
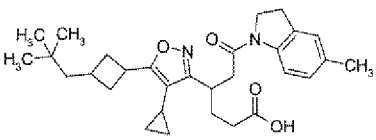
[図28]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-96		(400 MHz, CDCl3) 0.35 - 0.40 (m, 1H), 0.45 - 0.50 (m, 1H), 0.79 - 0.87 (m, 2H), 0.87 (s, 9H), 1.33 - 1.39 (m, 1H), 1.38 (d, J=5.95Hz, 2H), 1.92 (s, 3H), 1.92 - 2.21 (m, 4H), 2.33 - 2.50 (m, 5H), 2.76 (dd, J=13.56, 4.52Hz, 1H), 2.98 (dd, J=13.56, 10.70Hz, 1H), 3.46 - 3.55 (m, 1H), 3.63 - 3.70 (m, 1H), 3.79 (s, 3H), 6.66 (d, J=8.16Hz, 1H), 7.09 (t, J=8.16Hz, 1H), 7.20 (d, J=8.16Hz, 1H), 7.56 (brs, 1H)	497	495	(R)	なし
A-97		(400 MHz, DMSO-d6) 0.32 - 0.43 (m, 1H), 0.45 - 0.55 (m, 1H), 0.73 - 0.92 (m, 2H), 0.86 (s, 9H), 1.30 - 1.35 (m, 1H), 1.32 (d, J=5.60Hz, 2H), 1.79 - 2.00 (m, 4H), 1.94 (s, 3H), 2.13 - 2.25 (m, 2H), 2.18 (s, 3H), 2.32 - 2.46 (m, 3H), 2.67 (dd, J=14.40Hz, 6.80Hz, 1H), 2.75 (dd, J=14.40, 8.40Hz, 1H), 3.39 - 3.66 (m, 2H), 3.60 (s, 3H), 6.88 - 6.98 (m, 2H), 9.29 (s, 1H), 12.08 (brs, 1H)	511	509	(R)	なし
A-98		(400 MHz, DMSO-d6) 0.31 - 0.41 (m, 1H), 0.44 - 0.53 (m, 1H), 0.69 - 0.93 (m, 2H), 0.86 (s, 9H), 1.30 - 1.43 (m, 1H), 1.36 (d, J=6.00Hz, 2H), 1.78 - 1.97 (m, 4H), 2.05 - 2.25 (m, 2H), 2.13 (s, 3H), 2.22 (s, 3H), 2.32 - 2.54 (m, 4H), 2.59 (dd, J=14.40, 8.40Hz, 1H), 3.13 - 3.48 (m, 1H), 3.48 - 3.63 (m, 1H), 4.07 (dd, J=14.80, 5.60Hz, 1H), 4.20 (dd, J=14.80, 5.60Hz, 1H), 6.85 - 6.97 (m, 2H), 6.93 (s, 1H), 8.17 (dd, J=5.60, 5.60Hz, 1H), 12.07 (brs, 1H)	495	493	(R)	なし
A-99		(400 MHz, DMSO-d6) 0.33 - 0.56 (m, 2H), 0.71 - 0.95 (m, 2H), 0.85 (s, 9H), 1.28 - 1.47 (m, 1H), 1.34 (d, J=6.00Hz, 2H), 1.78 - 1.99 (m, 4H), 2.08 - 2.31 (m, 2H), 2.26 (s, 3H), 2.31 - 2.45 (m, 3H), 2.72 (dd, J=14.80, 7.20Hz, 1H), 2.81 (dd, J=14.80, 8.00Hz, 1H), 3.16 - 3.62 (m, 2H), 6.93 (d, J=8.00Hz, 1H), 7.04 (d, J=11.4Hz, 1H), 7.61 (dd, J=8.00, 8.00Hz, 1H), 9.63 (s, 1H), 12.08 (brs, 1H)	485	483	(R)	なし

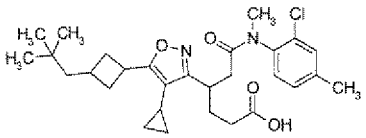
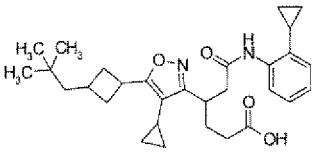
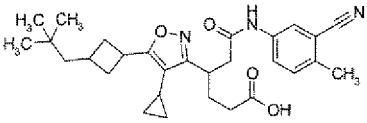
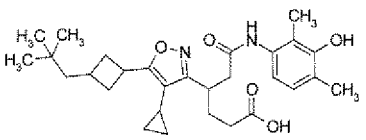
[図29]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-100		(400 MHz, CDCl3) 0.37 (dd, J=9.59, 4.52Hz, 1H), 0.49 (dd, J=9.70, 4.63Hz, 1H), 0.82 (dd, J=8.27, 4.74Hz, 2H), 0.87 (s, 9H), 1.33 - 1.38 (m, 1H), 1.37 (d, J=5.73Hz, 2H), 1.98 - 2.12 (m, 7H), 2.38 - 2.42 (m, 5H), 2.77 (dd, J=13.78, 4.74Hz, 1H), 2.96 (dd, J=13.78, 10.70Hz, 1H), 3.50 - 3.52 (m, 1H), 3.67 - 3.69 (m, 1H), 6.81 - 6.83 (m, 2H), 7.41 (dd, J=8.49, 6.06Hz, 1H), 7.76 (s, 1H)	485	483	(R)	なし
A-101		(400 MHz, CDCl3) 0.48 - 0.50 (m, 1H), 0.81 (d, J=5.29Hz, 1H), 0.90 (s, 9H), 0.95 - 0.96 (m, 2H), 1.47 (dd, J=12.90, 7.39Hz, 3H), 2.13 (s, 2H), 2.31 - 2.34 (m, 8H), 2.62 (t, J=14.78Hz, 2H), 2.79 (dd, J=13.45, 4.63Hz, 1H), 3.06 (dd, J=13.34, 10.70Hz, 1H), 3.54 - 3.57 (m, 1H), 4.77 - 4.79 (m, 1H), 6.97 (d, J=8.38Hz, 1H), 7.08 (s, 1H), 7.83 (d, J=8.38Hz, 1H), 7.90 (s, 1H)	501	499	(R)	なし
A-102		(400 MHz, CDCl3) 0.43 - 0.46 (m, 2H), 0.84 - 0.87 (m, 1H), 0.86 (s, 9H), 1.34 - 1.36 (m, 3H), 1.91 - 2.19 (m, 8H), 2.36 - 2.42 (m, 5H), 2.78 (dd, J=13.78, 4.52Hz, 1H), 3.00 (dd, J=13.56, 10.70Hz, 1H), 3.46 - 3.55 (m, 1H), 3.65 - 3.67 (m, 1H), 6.70 - 6.72 (m, 1H), 7.04 (t, J=7.28Hz, 1H), 7.58 (dd, J=10.81, 2.43Hz, 1H), 7.81 (s, 1H)	485	483	(R)	なし
D-5		(400 MHz, CDCl3) 0.53 - 0.56 (m, 1H), 0.88 - 0.97 (m, 5H), 1.15 - 1.18 (m, 4H), 1.52 - 1.54 (m, 1H), 1.68 - 1.71 (m, 7H), 2.12 - 2.14 (m, 2H), 2.26 - 2.31 (m, 5H), 2.80 (dd, J=13.78, 4.74Hz, 1H), 3.05 (dd, J=13.23, 10.81Hz, 1H), 3.58 (s, 1H), 4.30 (t, J=7.94Hz, 2H), 6.97 (d, J=8.38Hz, 1H), 7.08 (s, 1H), 7.89 (d, J=7.72Hz, 2H)	487	485	(R)	なし

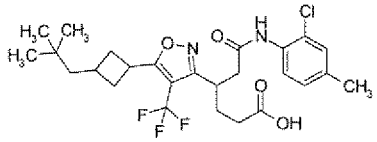
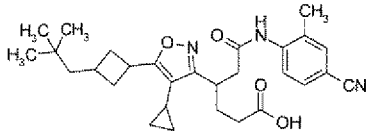
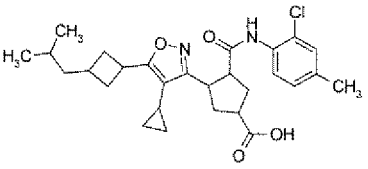
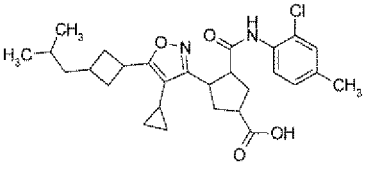
[図30]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
D-6		(400 MHz, CDCl3) 0.45 - 0.46 (m, 1H), 0.86 - 1.02 (m, 5H), 1.19 - 1.30 (m, 4H), 1.44 - 1.51 (m, 1H), 1.65 - 1.78 (m, 7H), 2.02 - 2.10 (m, 5H), 2.15 - 2.33 (m, 5H), 2.63 - 2.81 (m, 2H), 3.51 (t, J=5.51Hz, 1H), 4.06 (dd, J=14.67, 4.96Hz, 1H), 4.22 - 4.29 (m, 3H), 6.64 (t, J=5.62Hz, 1H), 6.76 (d, J=7.72Hz, 1H), 6.84 - 6.87 (m, 2H)	481	479	(R)	なし
A-103		(400 MHz, CDCl3) 0.51 (s, 1H), 0.87 - 0.89 (m, 10H), 0.96 (d, J=8.38Hz, 2H), 1.44 - 1.49 (m, 3H), 1.87 (s, 3H), 2.06 - 2.09 (m, 2H), 2.27 - 2.38 (m, 8H), 2.62 - 2.63 (m, 2H), 2.81 (dd, J=13.23, 4.63Hz, 1H), 3.03 (t, J=12.35Hz, 1H), 3.58 - 3.60 (m, 1H), 4.75 - 4.84 (m, 1H), 6.86 - 6.87 (m, 2H), 7.16 (d, J=8.82Hz, 1H), 8.05 (s, 1H)	481	479	(R)	なし
A-104		(400 MHz, CDCl3) 0.31 - 0.37 (m, 1H), 0.49 - 0.55 (m, 1H), 0.80 (dd, J=8.40, 1.90Hz, 2H), 0.85 (s, 9H), 1.28 - 1.38 (m, 3H), 1.89 - 2.04 (m, 4H), 2.25 (t, J=7.80Hz, 2H), 2.31 - 2.40 (m, 7H), 2.61 (dd, J=16.20, 7.10Hz, 1H), 3.20 (s, 3H), 3.46 (t, J=6.50Hz, 1H), 3.58 (t, J=7.00Hz, 1H), 7.04 (d, J=8.10Hz, 2H), 7.19 (d, J=8.10Hz, 2H)	481	479	(R)	なし
A-105		(400MHz, CDCl3) 0.36 - 0.43 (m, 1H), 0.51 - 0.60 (m, 1H), 0.79 - 0.90 (m, 2H), 0.84 (s, 9H), 1.36 (d, J=5.60Hz, 2H), 1.37 - 1.43 (m, 1H), 1.99 (t, J=10.10Hz, 2H), 2.07 - 2.16 (m, 2H), 2.27 (s, 3H), 2.30 - 2.43 (m, 5H), 2.69 (dd, J=16.00, 6.50Hz, 1H), 3.01 (dd, J=16.00, 7.20Hz, 1H), 3.11 (td, J=8.40, 0.10Hz, 2H), 3.43 - 3.54 (m, 1H), 3.75 (t, J=6.90Hz, 1H), 3.99 - 4.13 (m, 2H), 6.94 (d, J=8.80Hz, 2H), 8.03 (d, J=8.10Hz, 1H)	493	491	(R)	なし

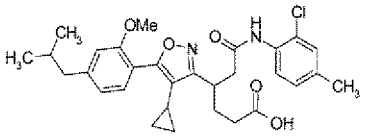
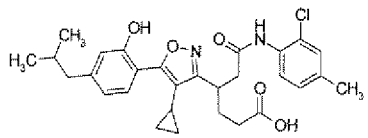
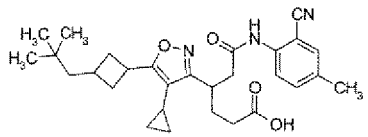
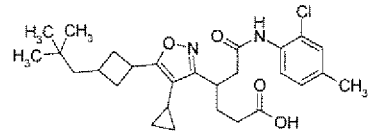
[図31]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-106		(400 MHz, CDCl3) 0.32 - 0.58 (m, 2H), 0.80 - 0.89 (m, 11H), 1.23 - 1.38 (m, 3H), 1.90 - 2.04 (m, 4H), 2.20 - 2.60 (m, 10H), 3.13 (s, 2H), 3.18 (s, 1H), 3.41 - 3.52 (m, 1H), 3.56 - 3.66 (m, 1H), 7.09 - 7.14 (m, 2H), 7.26 - 7.30 (m, 1H)	515	513	(R)	なし
A-107		(400 MHz, CDCl3) 0.35 - 0.71 (m, 4H), 0.80 - 1.02 (m, 13H), 1.33 - 1.37 (m, 3H), 1.59 (s, 1H), 1.90 - 2.19 (m, 4H), 2.35 - 2.42 (m, 5H), 2.78 (dd, J=13.78, 4.74Hz, 1H), 3.01 (dd, J=13.56, 10.26Hz, 1H), 3.43 - 3.52 (m, 1H), 3.66 - 3.67 (m, 1H), 6.98 - 7.07 (m, 2H), 7.16 (t, J=7.61Hz, 1H), 7.97 (d, J=7.94Hz, 1H), 8.02 (s, 1H)	493	491	(R)	なし
A-108		(400 MHz, CDCl3) 0.37 - 0.43 (m, 1H), 0.46 - 0.52 (m, 1H), 0.79 - 0.89 (m, 2H), 0.85 (s, 9H), 1.33 - 1.38 (m, 1H), 1.35 (d, J=6.00Hz, 2H), 1.89 - 2.12 (m, 3H), 2.19 (dd, J=14.10, 7.10Hz, 1H), 2.31 - 2.44 (m, 5H), 2.44 (s, 3H), 2.76 (dd, J=14.30, 4.80Hz, 1H), 2.91 (dd, J=14.30, 10.10Hz, 1H), 3.44 - 3.54 (m, 1H), 3.71 (dd, J=9.50, 5.10Hz, 1H), 7.15 (d, J=8.40Hz, 1H), 7.48 (d, J=8.60Hz, 1H), 7.76 (s, 1H), 8.44 (br d, J=14.20Hz, 1H)	492	490	(R)	なし
A-109		(400 MHz, DMSO-d6) 0.31 - 0.42 (m, 1H), 0.46 - 0.56 (m, 1H), 0.72 - 0.91 (m, 2H), 0.86 (s, 9H), 1.29 - 1.46 (m, 1H), 1.35 (d, J=5.6Hz, 2H), 1.79 - 1.97 (m, 4H), 1.85 (s, 3H), 2.08 - 2.23 (m, 2H), 2.11 (s, 3H), 2.31 - 2.46 (m, 3H), 2.64 (dd, J=14.40, 6.80Hz, 1H), 2.73 (dd, J=14.40, 8.40Hz, 1H), 3.17 - 3.62 (m, 2H), 6.60 (d, J=8.00Hz, 1H), 6.81 (d, J=8.00Hz, 1H), 8.15 (brs, 1H), 9.24 (s, 1H), 12.08 (brs, 1H)	497	495	(R)	なし

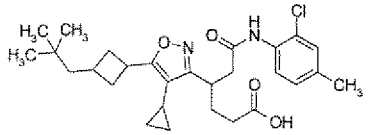
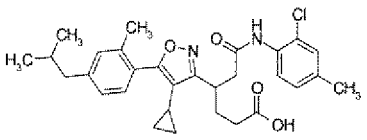
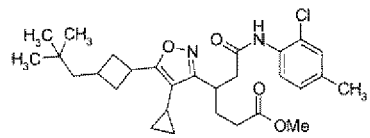
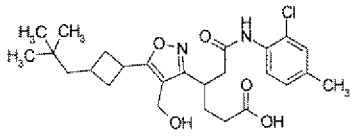
[図32]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-110		(400 MHz, CDCl3) 0.85 (s, 9H), 1.37 (d, J=6.30Hz, 2H), 2.02 - 2.17 (m, 4H), 2.26 (s, 3H), 2.37 - 2.47 (m, 5H), 2.73 (dd, J=14.40, 5.80Hz, 1H), 2.99 (dd, J=15.20, 8.50Hz, 1H), 3.56 - 3.66 (m, 2H), 7.02 (d, J=8.10Hz, 1H), 7.14 (s, 1H), 7.61 (s, 1H), 8.11 (d, J=8.40Hz, 1H)	529	527	(R)	なし
A-111		(400 MHz, CDCl3) 0.34 - 0.39 (m, 1H), 0.40 - 0.45 (m, 1H), 0.78 - 0.83 (m, 2H), 0.86 (s, 9H), 1.29 - 1.36 (m, 1H), 1.36 (d, J=4.40Hz, 2H), 1.90 (dd, J=20.20, 10.50Hz, 1H), 2.03 (dt, J=20.30, 6.40Hz, 2H), 2.15 (s, 3H), 2.19 (t, J=7.10Hz, 1H), 2.38 (tt, J=23.80, 7.60Hz, 5H), 2.78 (dd, J=13.60, 3.80Hz, 1H), 3.03 (dd, J=14.40, 10.90Hz, 1H), 3.49 (tt, J=9.70, 4.10Hz, 1H), 3.62 (td, J=10.40, 5.90Hz, 1H), 7.39 (s, 1H), 7.43 (d, J=8.60Hz, 1H), 8.05 (d, J=5.30Hz, 2H)	492	490	(R)	なし
A-112		(400 MHz, DMSO-d6) 0.35 - 0.44 (m, 2H), 0.72 - 0.82 (m, 2H), 0.83 (t, J=7.83Hz, 6H), 1.30 (t, J=6.73Hz, 2H), 1.36 - 1.43 (m, 1H), 1.48 - 1.55 (m, 1H), 1.79 - 1.89 (m, 2H), 1.96 (dd, J=22.05, 11.25Hz, 1H), 2.10 (dt, J=15.88, 6.45Hz, 1H), 2.26 (s, 3H), 2.30 - 2.44 (m, 4H), 2.45 - 2.47 (m, 1H), 2.95 - 3.05 (m, 1H), 3.31 - 3.33 (m, 1H), 3.40 (q, J=8.67Hz, 1H), 3.51 - 3.61 (m, 2H), 7.09 (dd, J=8.60, 1.54Hz, 1H), 7.28 (d, J=1.10Hz, 1H), 7.46 (d, J=8.16Hz, 1H), 9.44 (s, 1H)	499	497	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料
A-113		(400 MHz, DMSO-d6) 0.40 (d, J=3.09 Hz, 2H), 0.78 (dd, J=8.16, 1.76Hz, 2H), 0.85 (dd, J=6.51, 4.08Hz, 6H), 1.30 (t, J=6.84Hz, 2H), 1.41 (td, J=9.32, 5.15Hz, 1H), 1.48 - 1.55 (m, 1H), 1.83 (t, J=10.59Hz, 2H), 2.02 (dt, J=30.80, 8.66Hz, 2H), 2.27 (d, J=6.62Hz, 3H), 2.37 (tt, J=17.53, 6.40Hz, 4H), 2.98 (t, J=7.83Hz, 1H), 3.38 (t, J=9.26Hz, 2H), 3.51 - 3.63 (m, 2H), 7.10 (d, J=7.94Hz, 1H), 7.28 (s, 1H), 7.47 (d, J=6.62Hz, 1H), 9.46 (s, 1H)	499	497	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料 ・ A－112のジアステレオマー

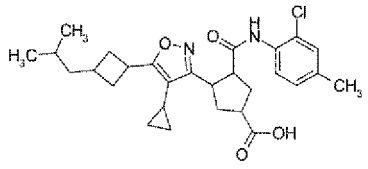
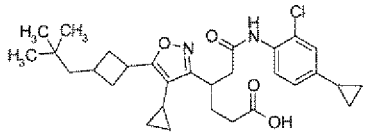
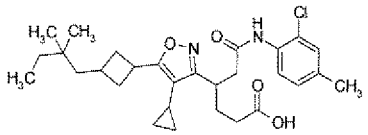
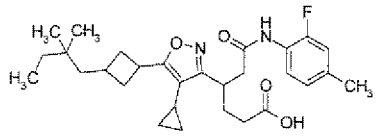
[図33]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
C-5		(400 MHz, CDCl3) 0.12 - 0.20 (m, 1H), 0.25 - 0.33 (m, 1H), 0.61 - 0.75 (m, 2H), 0.93 (d, J=6.80Hz, 6H), 1.51 - 1.62 (m, 1H), 1.84 - 1.98 (m, 1H), 2.10 - 2.34 (m, 2H), 2.27 (s, 3H), 2.44 - 2.56 (m, 2H), 2.51 (d, J=7.20Hz, 2H), 2.81 (dd, J=14.40, 5.60Hz, 1H), 3.10 (dd, J=14.40, 9.20Hz, 1H), 3.69 - 3.82 (m, 1H), 3.77 (s, 3H), 6.73 (s, 1H), 6.79 (d, J=8.00, 1H), 7.02 (d, J=8.40Hz, 1H), 7.14 (s, 1H), 7.27 (d, J=8.00Hz, 1H), 7.89 (s, 1H), 8.09 (d, J=8.40Hz, 1H)	539	537	(R)	なし
C-6		(400 MHz, CDCl3) 0.25 - 0.35 (m, 1H), 0.44 - 0.54 (m, 1H), 0.82 - 0.99 (m, 2H), 0.92 (d, J=6.80Hz, 6H), 1.58 - 1.69 (m, 1H), 1.83 - 1.96 (m, 1H), 2.12 - 2.32 (m, 2H), 2.27 (s, 3H), 2.40 - 2.53 (m, 2H), 2.46 (d, J=6.80Hz, 2H), 2.81 (dd, J=14.40, 5.20Hz, 1H), 3.09 (dd, J=14.40, 9.20Hz, 1H), 3.76 - 3.87 (m, 1H), 6.78 (d, J=8.00Hz, 1H), 6.81 (s, 1H), 7.02 (d, J=8.40Hz, 1H), 7.14 (s, 1H), 7.50 (d, J=8.40Hz, 1H), 7.78 (s, 1H), 8.08 (d, J=8.80Hz, 1H)	525	523	(R)	なし
A-114		(400 MHz, CDCl3) 0.38 - 0.46 (m, 1H), 0.49 - 0.56 (m, 1H), 0.80 - 0.85 (m, 2H), 0.86 (s, 9H), 1.38 (d, J=5.10Hz, 2H), 1.41 (tt, J=6.50, 1.70Hz, 1H), 1.96 - 2.23 (m, 4H), 2.32 (s, 3H), 2.35 - 2.45 (m, 5H), 2.79 (dd, J=14.80, 5.70Hz, 1H), 3.03 (dd, J=15.00, 8.80Hz, 1H), 3.51 (ddd, J=18.00, 10.10, 7.30Hz, 1H), 3.66 (dt, J=14.70, 6.50Hz, 1H), 7.33 (dd, J=7.50, 2.00Hz, 1H), 7.35 (d, J=1.80Hz, 1H), 7.96 (s, 1H), 8.05 (d, J=8.20Hz, 1H)	492	490	(R)	なし
A-115		(400 MHz, CDCl3) 0.35 - 0.42 (m, 1H), 0.44 - 0.49 (m, 1H), 0.78 - 0.91 (m, 11H), 1.31 - 1.40 (m, 3H), 1.91 - 2.22 (m, 4H), 2.27 (s, 3H), 2.31 - 2.46 (m, 5H), 2.74 (dd, J=14.19, 5.12Hz, 1H), 2.95 - 3.06 (m, 1H), 3.45 - 3.54 (m, 1H), 3.60 - 3.67 (m, 1H), 7.02 (d, J=8.37Hz, 1H), 7.13 (s, 1H), 7.78 (s, 1H), 8.06 (d, J=8.37Hz, 1H)	501	499	(S)	なし

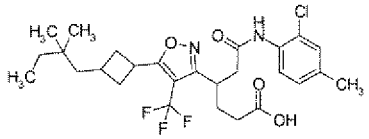
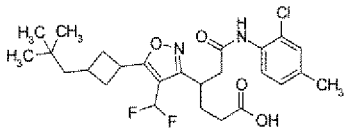
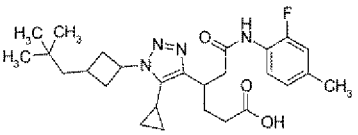
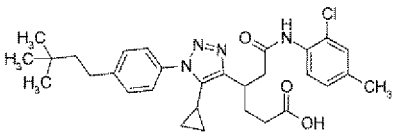
[図34]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
B-5		(400 MHz, CDCl3) 0.31 - 0.38 (m, 1H), 0.40 - 0.48 (m, 1H), 0.78 - 0.89 (m, 11H), 1.31 - 1.39 (m, 1H), 1.44 (d, J=6.98Hz, 2H), 2.00 - 2.22 (m, 4H), 2.27 (s, 3H), 2.32 - 2.51 (m, 4H), 2.63 - 2.80 (m, 2H), 2.97 - 3.08 (m, 1H), 3.59 - 3.69 (m, 2H), 7.02 (d, J=8.37Hz, 1H), 7.13 (s, 1H), 7.80 (s, 1H), 8.07 (d, J=8.37Hz, 1H)	501	499	(S)	なし
C-7		(400 MHz, CDCl3) 0.10 - 0.20 (m, 1H), 0.22 - 0.32 (m, 1H), 0.65 - 0.79 (m, 2H), 0.92 (d, J=7.20Hz, 6H), 1.49 - 1.60 (m, 1H), 1.82 - 1.96 (m, 1H), 2.10 - 2.38 (m, 2H), 2.21 (s, 3H), 2.28 (s, 3H), 2.41 - 2.57 (m, 2H), 2.48 (d, J=8.00Hz, 2H), 2.83 (dd, J=14.00, 5.60Hz, 1H), 3.09 (dd, J=14.00, 9.20Hz, 1H), 3.70 - 3.81 (m, 1H), 6.98 - 7.07 (m, 3H), 7.14 (s, 1H), 7.23 (d, J=7.60Hz, 1H), 7.86 (s, 1H), 8.09 (d, J=8.40Hz, 1H)	523	521	(R)	なし
A-116		(400 MHz, CDCl3) 0.36 - 0.41 (m, 1H), 0.44 - 0.49 (m, 1H), 0.60 - 0.85 (m, 2H), 0.87 (s, 9H), 1.32 - 1.39 (m, 3H), 1.94 - 2.18 (m, 4H), 2.27 (s, 3H), 2.32 - 2.44 (m, 5H), 2.72 (dd, J=14.40, 5.60Hz, 1H), 3.00 (dd, J=14.40, 9.60Hz, 1H), 3.45 - 3.54 (m, 1H), 3.56 - 3.63 (m, 1H), 3.65 (s, 3H), 7.02 (dd, J=8.40, 1.60Hz, 1H), 7.14 (d, J=1.20Hz, 1H), 7.73 (s, 1H), 8.09 (d, J=8.40Hz, 1H)	515	513	(R)	なし
A-117		(400 MHz, CDCl3) 0.85 (s, 9H), 1.37 (d, J=6.40Hz, 2H), 2.00 - 2.07 (m, 3H), 2.18 (dt, J=20.10, 6.90Hz, 1H), 2.26 (s, 3H), 2.32 - 2.49 (m, 5H), 2.87 (dd, J=14.40, 4.50Hz, 1H), 3.02 (dd, J=15.10, 10.90Hz, 1H), 3.43 - 3.52 (m, 1H), 3.55 - 3.62 (m, 1H), 4.45 (dd, J=20.00, 12.90Hz, 2H), 6.98 (d, J=8.60Hz, 1H), 7.12 (s, 1H), 7.71 (s, 1H), 7.91 (d, J=8.40Hz, 1H)	491	489	(R)	なし

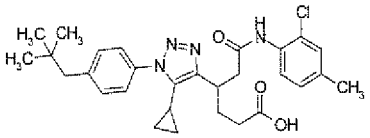
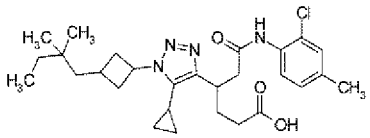
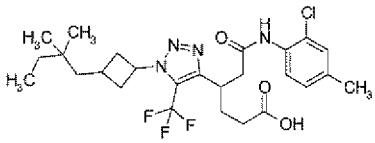
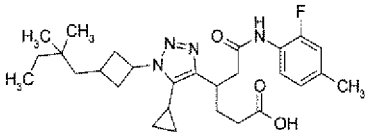
[図35]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-118		(400 MHz, DMSO-d6) 0.39 (s, 2H), 0.78 (dd, J=8.27, 2.10Hz, 2H), 0.85 (dd, J=6.51, 4.08Hz, 6H), 1.30 (t, J=6.84Hz, 2H), 1.39 (t, J=5.29Hz, 1H), 1.48 - 1.55 (m, 1H), 1.82 - 1.87 (m, 2H), 1.98 - 2.09 (m, 2H), 2.27 (d, J=6.84Hz, 3H), 2.33 - 2.41 (m, 4H), 2.97 - 3.01 (m, 1H), 3.38 - 3.42 (m, 2H), 3.51 - 3.59 (m, 2H), 7.08 - 7.11 (m, 1H), 7.28 (s, 1H), 7.46 - 7.48 (m, 1H), 9.44 (s, 1H), 12.27 (brs, 1H)	499	497	AUX-H不使用	4-オキソ-シクロペンタン-trans-1,2-ジカルボン酸ジメチルエステルが原料 ・ A－112の鏡像異性体とA－113の鏡像異性体の混合物
A-119		(400 MHz, CDCl3) 0.36 - 0.47 (m, 2H), 0.60 - 0.64 (m, 2H), 0.80 - 0.95 (m, 13H), 1.32 - 1.39 (m, 3H), 1.77 - 1.84 (m, 1H), 1.96 - 2.16 (m, 4H), 2.36 - 2.39 (m, 5H), 2.74 (dd, J=14.22, 5.18Hz, 1H), 3.01 (dd, J=14.11, 9.70Hz, 1H), 3.47 - 3.52 (m, 1H), 3.64 (s, 1H), 6.91 (dd, J=8.60, 1.98Hz, 1H), 7.02 (d, J=1.98Hz, 1H), 7.82 (s, 1H), 8.03 (d, J=8.60Hz, 1H)	527	525	（R）	なし
A-120		(400 MHz, DMSO-d6) 0.34 - 0.42 (m, 1H), 0.42 - 0.54 (m, 1H), 0.67 - 0.86 (m, 13H), 1.13 - 1.22 (m, 2H), 1.28 -1.36 (m, 2H), 1.36 - 1.46 (m, 1H), 1.78 - 1.97 (m, 2H), 2.11 - 2.23 (m, 2H), 2.23 - 2.29 (m, 3H), 2.29 - 2.42 (m, 2H), 2.61 - 2.88 (m, 3H), 3.40 - 3.47 (m, 1H), 3.47 - 3.59 (m, 1H), 7.07 (d, J=52.34Hz, 1H), 7.27 (brs, 1H), 7.42 (d, J=40.01Hz, 1H), 9.42 (brs, 1H), 12.03 (brs, 1H)	515	513	（R）	なし
A-121		(400 MHz, DMSO-d6) 0.33 - 0.44 (m, 1H), 0.44 - 0.55 (m, 1H), 0.71 - 0.86 (m, 11H), 1.12 - 1.24 (m, 2H), 1.27 - 1.35 (m, 2H), 1.35 - 1.47 (m, 1H), 1.80 - 1.95 (m, 4H), 2.12 - 2.22 (m, 2H), 2.22 - 2.30 (m, 3H), 2.29 - 2.44 (m, 3H), 2.62 - 2.89 (m, 2H), 3.38 - 3.63 (m, 2H), 6.87 - 6.98 (m, 1H), 7.00 - 7.09 (m, 1H), 7.53 - 7.66 (m, 1H), 9.66 (brs, 1H)	499	497	（R）	なし

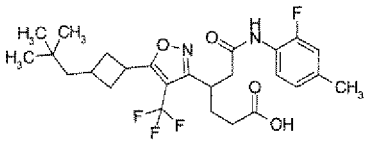
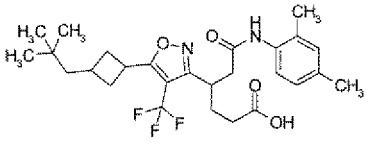
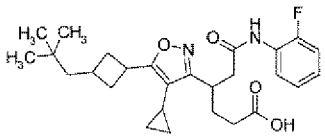
[図36]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-122		(400 MHz, DMSO-d6) 0.71 - 0.85 (m, 9H), 1.12 - 1.22 (m, 2H), 1.29 - 1.38 (m, 2H), 1.84 - 2.02 (m, 4H), 2.14 - 2.24 (m, 2H), 2.24 - 2.30 (m, 3H), 2.37 - 2.48 (m, 3H), 2.75 - 2.88 (m, 2H), 3.40 - 3.51 (m, 1H), 3.62 - 3.79 (m, 1H), 7.06 - 7.14 (m, 1H), 7.29 (brs, 1H), 7.40 - 7.48 (m, 1H), 9.53 (brs, 1H), 12.13 (brs, 1H)	543	541	(R)	なし
A-123		(400 MHz, CDCl3) 0.85 (s, 9H), 1.37 (d, J=6.30Hz, 2H), 2.01 - 2.21 (m, 4H), 2.26 (s, 3H), 2.31 - 2.50 (m, 5H), 2.76 (dd, J=15.10, 5.30Hz, 1H), 2.96 (dd, J=14.07, 8.80Hz, 1H), 3.48 - 3.62 (m, 2H), 6.66 (t, J=54.70Hz, 1H), 7.01 (d, J=8.80Hz, 1H), 7.13 (s, 1H), 7.61 (s, 1H), 8.07 (d, J=8.10Hz, 1H)	511	509	(R)	なし
A-124		(400 MHz, CDCl3) 0.50 - 0.51 (m, 1H), 0.83 - 0.85 (m, 1H), 0.87 (s, 9H), 0.96 - 0.98 (m, 2H), 1.46 - 1.51 (m, 3H), 2.12 - 2.14 (m, 2H), 2.21 - 2.45 (m, 8H), 2.58 - 2.68 (m, 2H), 2.80 (dd, J=13.56, 4.74Hz, 1H), 3.00 - 3.06 (m, 1H), 3.56 - 3.57 (m, 1H), 4.75 - 4.79 (m, 1H), 6.79 (t, J=10.37Hz, 2H), 7.76 (t, J=8.16Hz, 1H), 8.08 (s, 1H)	485	483	(R)	なし
C-8		(400 MHz, CDCl3) 0.29 - 0.40 (m, 1H), 0.60 - 0.70 (m, 1H), 0.75 - 0.92 (m, 2H), 0.98 (s, 9H), 1.48 - 1.58 (m, 2H), 1.63 - 1.73 (m, 1H), 2.09 - 2.32 (m, 2H), 2.26 (s, 3H), 2.32 - 2.49 (m, 2H), 2.59 - 2.70 (m, 2H), 2.85 (dd, J=14.00, 4.80Hz, 1H), 3.12 (dd, J=14.00, 10.00Hz, 1H), 3.58 - 3.68 (m, 1H), 7.00 (d, J=8.40Hz, 1H), 7.11 (s, 1H), 7.29 (d, J=8.40Hz, 2H), 7.38 (d, J=8.40Hz, 2H), 7.75 (s, 1H), 7.97 (d, J=8.40Hz, 1H)	537	535	(R)	なし

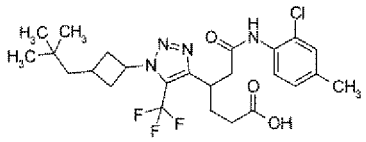
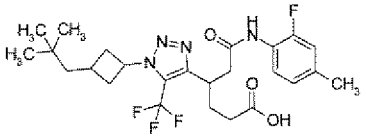
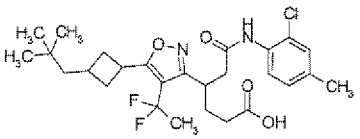
[図37]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
C-9		(400 MHz, CDCl3) 0.30 - 0.39 (m, 1H), 0.60 - 0.69 (m, 1H), 0.74 - 0.98 (m, 2H), 0.93 (s, 9H), 1.64 - 1.75 (m, 1H), 2.11 - 2.31 (m, 2H), 2.26 (s, 3H), 2.32 - 2.49 (m, 2H), 2.57 (s, 2H), 2.86 (dd, J=13.60, 4.80Hz, 1H), 3.12 (dd, J=13.60, 10.00Hz, 1H), 3.58 - 3.70 (m, 1H), 7.00 (d, J=8.00Hz, 1H), 7.11 (s, 1H), 7.23 (d, J=8.00Hz, 2H), 7.38 (d, J=8.00Hz, 2H), 7.76 (s, 1H), 7.97 (d, J=8.00Hz, 1H)	523	521	(R)	なし
A-125		(400 MHz, DMSO-d6) 0.41 - 0.55 (m, 1H), 0.74 - 0.86 (m, 11H), 0.86 - 0.99 (m, 2H), 1.16 - 1.25 (m, 2H), 1.35 - 1.43 (m, 2H), 1.47 - 1.61 (m, 1H), 1.82 - 1.96 (m, 2H), 2.00 - 2.19 (m, 5H), 2.19 - 2.30 (m, 3H), 2.56 - 2.85 (m, 4H), 4.79 - 4.97 (m, 1H), 7.02 - 7.12 (m, 1H), 7.22 - 7.28 (m, 1H), 7.32 - 7.39 (m, 1H), 9.20 - 9.40 (m, 1H), 11.86 - 12.09 (m, 1H)	515	513	(R)	なし
A-126		(400 MHz, DMSO-d6) 0.72 - 0.84 (m, 11H), 1.16 - 1.28 (m, 2H), 1.35 - 1.43 (m, 2H), 1.87 - 2.01 (m, 2H), 2.01 - 2.12 (m, 1H), 2.18 - 2.37 (m, 5H), 2.59 - 2.73 (m, 2H), 2.73 - 2.98 (m, 2H), 3.42 - 3.55 (m, 1H), 4.80 - 5.00 (m, 1H), 7.03 - 7.10 (m, 1H), 7.23 - 7.28 (m, 1H), 7.32 - 7.42 (m, 1H), 9.38 - 9.54 (m, 1H), 12.05 (brs, 1H)	543	541	(R)	なし
A-127		(400 MHz, DMSO-d6) 0.42 - 0.56 (m, 1H), 0.73 - 0.83 (m, 13H), 0.88 - 0.97 (m, 1H), 1.14 - 1.26 (m, 2H), 1.34 - 1.41 (m, 2H), 1.50 - 1.61 (m, 2H), 1.77 - 1.92 (m, 1H), 1.96 - 2.09 (m, 1H), 2.09 - 2.18 (m, 2H), 2.18 - 2.26 (m, 3H), 2.55 - 2.81 (m, 5H), 4.78 - 4.93 (m, 1H), 6.83 - 6.94 (m, 1H), 6.94 - 7.03 (m, 1H), 7.44 - 7.60 (m, 1H), 9.49 (brs, 1H), 11.98 (brs, 1H)	499	497	(R)	なし

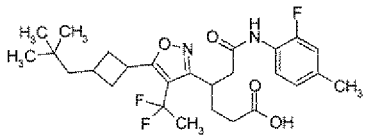
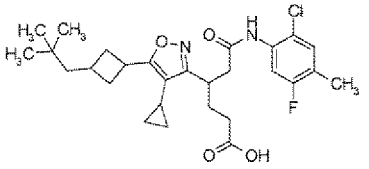
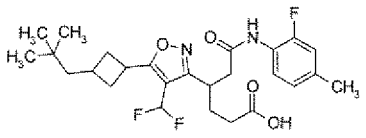
[図38]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-128		(400 MHz, CDCl3) 0.85 (s, 9H), 1.35 (d, J=6.30Hz, 2H), 1.97 - 2.14 (m, 4H), 2.26 (s, 3H), 2.33 (t, J=7.40Hz, 2H), 2.37 - 2.48 (m, 3H), 2.72 (dd, J=15.00, 5.90Hz, 1H), 2.94 (dd, J=14.90, 8.60Hz, 1H), 3.52 - 3.65 (m, 2H), 6.83 (d, J=5.60Hz, 1H), 6.85 (s, 1H), 7.53 (s, 1H), 7.99 (t, J=8.10Hz, 1H)	513	511	(R)	なし
A-129		(400 MHz, CDCl3) 0.86 (s, 9H), 1.37 (d, J=6.00Hz, 2H), 2.00 - 2.20 (m, 4H), 2.13 (s, 3H), 2.25 (s, 3H), 2.37 - 2.48 (m, 5H), 2.71 (dd, J=14.20, 6.00Hz, 1H), 2.95 (dd, J=14.20, 9.10Hz, 1H), 3.56 - 3.68 (m, 2H), 6.87 (s, 1H), 6.88 (d, J=8.80Hz, 1H), 7.13 (s, 1H), 7.49 (d, J=8.80Hz, 1H)	509	507	(R)	なし
A-130		(400 MHz, CDCl3) 0.35 - 0.41 (m, 1H), 0.44 - 0.50 (m, 1H), 0.80 - 0.84 (m, 2H), 0.85 (s, 9H), 1.37 (d, J=5.80Hz, 2H), 1.93 - 2.21 (m, 4H), 2.30 - 2.44 (m, 5H), 2.74 (dd, J=14.20, 5.30Hz, 1H), 2.98 (dd, J=14.40, 9.30Hz, 1H), 3.49 (ddd, J=18.40, 9.60, 6.30Hz, 1H), 3.64 (ddd, J=14.30, 7.00, 5.60Hz, 1H), 6.97 - 7.09 (m, 3H), 7.72 (s, 1H), 8.17 (t, J=7.70Hz, 1H)	471	469	(R)	なし

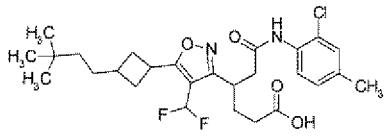
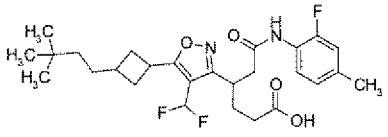
[図39]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-131		(400 MHz, DMSO-d6) 0.80 - 0.92 (m, 9H), 1.34 - 1.46 (m, 2H), 1.81 - 2.02 (m, 2H), 2.02 - 2.17 (m, 2H), 2.17 - 2.38 (m, 6H), 2.59 - 2.76 (m, 2H), 2.76 - 2.94 (m, 2H), 3.39 - 3.55 (m, 1H), 4.80 - 5.01 (m, 1H), 7.02 - 7.13 (m, 1H), 7.21 - 7.30 (m, 1H), 7.32 - 7.41 (m, 1H), 9.32 - 9.54 (m, 1H), 11.92 - 12.23 (m, 1H)	529	527	(R)	なし
A-132		(400 MHz, DMSO-d6) 0.80 - 0.89 (m, 9H), 1.84 - 1.98 (m, 2H), 2.03 - 2.15 (m, 2H), 2.18 - 2.34 (m, 6H), 2.58 - 2.68 (m, 2H), 2.79 - 2.86 (m, 2H), 3.36 - 3.50 (m, 3H), 4.83 - 4.94 (m, 1H), 6.84 - 6.93 (m, 1H), 6.97 - 7.05 (m, 1H), 7.36 - 7.65 (m, 1H), 9.45 - 9.73 (m, 1H), 11.94 - 12.15 (m, 1H)	513	511	(R)	なし
A-133		(400 MHz, CDCl3) 0.85 (s, 9H), 1.36 (d, J=6.00Hz, 2H), 1.86 (t, J=18.50Hz, 3H), 1.97 - 2.17 (m, 4H), 2.26 (s, 3H), 2.34 - 2.46 (m, 5H), 2.71 (dd, J=14.70, 5.30Hz, 1H), 3.00 (dd, J=14.07, 9.10Hz, 1H), 3.50 - 3.60 (m, 2H), 7.00 (d, J=7.90Hz, 1H), 7.13 (s, 1H), 7.58 (brs, 1H), 8.06 (d, J=8.60Hz, 1H)	525	523	(R)	なし

[図40]

実施例番号	化学構造	NMR	MS		AUX－Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-134		(400 MHz, CDCl3) 0.85 (s, 9H), 1.36 (d, J=5.30Hz, 2H), 1.87 (t, J=18.50Hz, 3H), 1.97 - 2.16 (m, 4H), 2.27 (s, 3H), 2.34 - 2.46 (m, 5H), 2.71 (dd, J=14.80, 5.20Hz, 1H), 2.97 (dd, J=14.70, 9.50Hz, 1H), 3.50 - 3.61 (m, 2H), 6.83 - 6.87 (m, 2H), 7.38 (brs, 1H), 7.98 (t, J=8.50Hz, 1H)	509	507	(R)	なし
A-135		(400 MHz, CDCl3) 0.37 - 0.49 (m, 2H), 0.81 - 0.87 (m, 2H), 0.81 (s, 9H), 1.31 - 1.36 (m, 1H), 1.38 (d, J=7.50Hz, 2H), 2.02 - 2.15 (m, 7H), 2.37 - 2.42 (m, 5H), 2.75 (dd, J=14.34, 5.07Hz, 1H), 3.02 (dd, J=14.34, 9.48Hz, 1H), 3.45 - 3.52 (m, 1H), 3.62 - 3.63 (m, 1H), 7.12 (d, J=7.50Hz, 1H), 7.86 (s, 1H), 8.03 (d, J=11.47Hz, 1H)	519	517	(R)	なし
A-136		(400 MHz, CDCl3) 0.85 (s, 9H), 1.38 (d, J=6.40Hz, 2H), 2.04 - 2.12 (m, 4H), 2.28 (s, 3H), 2.37 - 2.48 (m, 5H), 2.78 (dd, J=15.00, 5.51Hz, 1H), 2.95 (dd, J=14.89, 9.15Hz, 1H), 3.55 - 3.59 (m, 2H), 6.71 (t, J=56.59Hz, 1H), 6.83 - 6.87 (m, 2H), 7.56 (brs, 1H), 7.98 (t, J=8.38Hz, 1H)	495	493	(R)	なし

[図41]

実施例番号	化学構造	NMR	MS		AUX-Hの立体化学	原料や立体化学の説明
			M+H	M-H		
A-137		(400 MHz, CDCl3) 0.85 (s, 9H), 1.03 - 1.07 (m, 2H), 1.34 - 1.40 (m, 2H), 1.92 - 2.02 (m, 2H), 2.05 - 2.20 (m, 3H), 2.26 (s, 3H), 2.34 - 2.45 (m, 4H), 2.76 (dd, J=15.10, 5.30Hz, 1H), 2.97 (dd, J=15.20, 8.50Hz, 1H), 3.48 - 3.61 (m, 2H), 6.67 (t, J=54.50Hz, 1H), 7.01 (d, J=8.40Hz, 1H), 7.13 (s, 1H), 7.62 (s, 1H), 8.07 (d, J=8.40Hz, 1H)	525	523	(R)	なし
A-138		(400 MHz, CDCl3) 0.85 (s, 9H), 1.03 - 1.07 (m, 2H), 1.34 - 1.40 (m, 2H), 1.93 - 2.22 (m, 5H), 2.27 (s, 3H), 2.36 - 2.46 (m, 4H), 2.75 (dd, J=14.90, 5.60Hz, 1H), 2.93 (dd, J=15.00, 9.00Hz, 1H), 3.49 - 3.63 (m, 2H), 6.67 (t, J=54.50Hz, 1H), 6.77 (s, 1H), 6.86 (d, J=16.70Hz, 1H), 7.41 (s, 1H), 8.00 (t, J=8.30Hz, 1H)	509	507	(R)	なし

[図42]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
A-1	0.024	0.024
A-2	0.053	0.042
A-3	0.055	0.051
A-4	0.058	0.044
A-5	0.13	0.11
A-6	0.25	0.14
A-7	0.064	0.041
A-8	0.33	0.20
A-9	0.39	0.23
A-10	0.033	0.025
A-11	0.029	0.032
A-12	0.094	0.060
A-13	0.018	0.016
A-14	0.088	0.067
A-15	0.32	0.41
A-16	0.055	0.040
A-17	0.064	0.054
A-18	0.072	0.046
A-19	0.037	0.018
A-20	0.020	0.039
A-21	0.034	0.049
A-22	0.088	0.096
A-23	0.079	0.064
A-24	0.020	0.032
A-25	0.098	0.054
A-26	0.065	0.039
A-27	0.094	0.098
A-28	0.097	0.050

[図43]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
A-29	0.060	0.030
A-30	0.16	0.097
A-31	0.26	0.21
A-32	0.046	0.042
A-33	0.78	0.72
A-34	>3.2	0.48
A-35	1.8	1.1
A-36	0.063	0.039
A-37	0.10	0.076
A-38	0.26	0.083
A-39	0.021	0.036
A-40	0.23	0.095
A-41	>3.2	2.0
A-42	0.25	0.098
A-43	0.088	0.057
A-44	0.12	0.12
A-45	0.42	0.14
A-46	0.092	0.087
A-47	0.27	0.12
A-48	0.064	0.049
A-49	1.2	0.23
A-50	0.17	0.12
A-51	0.11	0.069
A-52	0.54	0.53
A-53	0.033	0.037
A-54	0.065	0.086
A-55	0.063	0.094
A-56	0.092	0.056

[図44]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
A-57	0.044	0.028
A-58	0.024	0.034
A-59	0.029	0.034
A-60	0.024	0.040
A-61	0.96	0.95
A-62	0.081	0.080
A-63	0.21	0.056
A-64	0.077	0.027
A-65	0.11	0.15
A-66	0.053	0.036
A-67	0.043	0.026
A-68	0.077	0.055
A-69	0.17	0.13
A-70	0.10	0.076
A-71	0.39	0.14
A-72	0.058	0.049
A-73	0.66	0.18
A-74	1.1	0.50
A-75	0.027	0.039
A-76	0.045	0.043
A-77	0.057	0.031
A-78	0.030	0.016
A-79	0.041	0.050
A-80	0.16	0.13
A-81	1.1	0.84
A-82	0.071	0.065
A-83	0.53	0.19
B-1	0.025	0.037

[図45]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
B-2	0.087	0.14
A-84	0.052	0.040
A-85	0.029	0.047

[図46]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
A-86	0.089	0.089
A-87	0.60	0.71
A-88	>3.2 (82%)	2.9
A-89	0.65	0.12
B-3	0.048	0.060
B-4	0.32	0.34
C-1	0.044	0.032
C-2	0.27	0.26
D-1	0.073	0.052
D-2	0.21	0.31
A-90	0.026	0.032
A-91	0.017	0.026
A-92	>20 (85%)	>20 (99%)
A-93	0.024	0.024
A-94	0.018	0.011
D-3	0.091	0.056
D-4	0.22	0.18
C-3	0.68	0.11
C-4	0.12	0.24
A-95	0.035	0.026
A-96	0.021	0.028
A-97	0.029	0.047
A-98	0.39	0.50
A-99	0.019	0.026
A-100	0.029	0.042

[図47]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
A-101	0.017	0.025
A-102	0.027	0.037
D-5	0.032	0.022
D-6	0.21	0.39
A-103	0.022	0.048
A-104	>8 (79%)	>8 (82%)
A-105	3.2	0.92
A-106	>8 (82%)	>8 (92%)
A-107	0.10	0.054
A-108	0.17	0.16
A-109	0.13	0.12
A-110	0.065	0.045
A-111	0.022	0.031
A-112	>8 (62%)	1.9
A-113	0.076	0.11
C-5	5.6	1.6
C-6	0.23	0.078
A-114	0.021	0.025
A-115	1.2	0.36
B-5	2.4	0.40
C-7	2.0	0.82
A-116	0.024	0.018
A-117	0.067	0.040
A-118	0.48	0.19
A-119	0.061	0.072

[図48]

実施例番号	インビトロ EC50(μM)	
	LUC	
	ヒト	マウス
A-120	0.014	0.022
A-121	0.011	0.017
A-122	0.028	0.030
A-123	0.024	0.020
A-124	0.019	0.022
C-8	0.25	0.059
C-9	0.020	0.019
A-125	0.0099	0.017
A-126	0.014	0.018
A-127	0.013	0.021
A-128	0.11	0.046
A-129	0.051	0.038
A-130	0.019	0.014
A-131	0.022	0.021
A-132	0.053	0.030
A-133	未測定	未測定
A-134	未測定	未測定
A-135	未測定	未測定
A-136	未測定	未測定
A-137	未測定	未測定
A-138	未測定	未測定