

		INR		INR		K		INR			
HMG-CoA		INR						CPK		2 AUC C _{max} 1.3	
C _{max} 75mg 300mg				AUC _{0-t} 20% C _{max} 30%							
AUC / 26% 34%		HRT HRT									
		HMG-CoA									
1		1		AUC							
1				AUC							
75mg BID 200mg BID 6		10mg OD 10		7.1 ↑							
300mg/ 100mg OD 8		10mg		3.1 ↑							
160mg OD 14		5mg		3.8 ↑							
100mg OD		10mg		2.7 ↑							
25mg/ 400mg BID 14		150mg/ 100mg OD/		5mg		2.6 ↑					
200mg/ 50mg OD 11		10mg		2.3 ↑							
400mg/ 120mg OD 7		5mg OD 7		2.2 ↑							
400mg/ 100mg BID 17		20mg OD 7		2.1 ↑							
300mg 24 75mg		20mg		2 ↑							
300mg 75mg OD 7		40mg OD		2 ↑ 1.4 ↑							
600mg BID 7		80mg		1.9 ↑							
75mg OD 5		10mg		1.6 ↑							
600mg/ 100mg BID 7		10mg OD 7		1.5 ↑							
500mg/ 200mg BID 11		10mg		1.4 ↑							
400mg BID				1.4 ↑							
200mg OD 5		10mg		**1.4 ↑							
700mg/ 100mg BID 8		10mg		↔							
0.3mg 7		40mg 7		↔							
140mg TID 5		10mg		↔							
67mg TID 7		10mg 7		↔							
450mg QD 7		20mg		↔							
200mg BID 7		80mg		↔							
200mg OD 11		80mg		↔							
500mg QID 7		80mg		20% ↓							
50mg TID 14		20mg		47% ↓							
* X ↑ **											
OD = 1 BID = 2 TID = 3 QID = 4											

		CK									
40mg/ 15		56		50mg/ 14		18		5,000mg/kg			
		3,000mg/kg									

		LDL		LDL		HDL					
LDL-C/HDL-C 2		ApoB HDL-C VLDL-C VLDL-TG /HDL-C Ila I Ib		HDL-C TG HDL		ApoA-I HDL 2 ApoB/ApoA-I					
		N LDL-C		HDL-C		B		-A1			
		13 -7		3 -3		-3		0			
5 17		-45 -33		13 -35		-44 -38		4			
10 17		-52 -36		14 -10		-48 -42		4			
20 17		-55 -40		8 -23		-51 -46		5			
40 18		-63 -46		10 -28		-60 -54		0			
1		2		90%		4					

		HDL-C		A D LDL-C		14C -					
		ACS									
AUC C _{max} 10mg 10mg											
		5		20%							
- 10mg		1-2		C _{max} 4-12							
134L 90%				LDL-C 99.7% 88%-92%							
P450 N-		CYP2C9 N- HMG-CoA		2C19 3A4 2D6 90%		50%					
		II I 10%-20% 80%-90%		-		22					
90%		5%		50L/h OATP-C 21.7%		HMG-CoA 19					
14C-		20mg 78% 11% 48		93% 10							
		Child-Pugh 2		Child-Pugh 9		7 8 9 2					
AUC 10mg 10mg 4		1.7 1 14		Child Pugh Child Pugh AUC >9		5 6 7-9 14					
3 N-		CrCl<30ml/min 9		N-							
n=9		n=8 CrCl ≤ 30ml/min/1.73m ² AUC		1.5 10mg							
12		1									
≥ 65 LDL-C				20%		LDL-C					
10-17 6-17				214		2					

HoFH HeFH											
AUC	C _{max}	2		-	AUC	C _{max}	1.3				
HMG-CoA OATP1B1 / ABCG2 BCRP c.521CC ABCG2 c.421AA c.421CC				OATP1B1 BCRP AUC SLCO1B1 c.521TT SLCO1B1 ABCG2							
LDL-C 80%	4.8mmol/L 10mg	LDL-C LDL-C		EAS	IIa IIb EAS 1998 <3mmol/L						
20mg	80mg	12	435	33%	42	EAS	LDL-C	<3mmol/l			
20-40mg		LDL-C		LDL-C		22%					
8		LDL-C		B ApoB		TG					
NCEP		LDL-C		2.6-4.1mmol/l/[100-160 mg/dL]		10mg					
LDL-C		LDL-C		LDL-C vs.		25% 4% ApoB TG		72% 19%		HDL-C	
2	1,719 10mg	13% LDL-C(19%) A D E		ApoB 14%		TG 8%		12		HDL-C	
3%	/	10mg		LDL-C				LDL-C		6	
mmol/L vs. 2.8mmol/L		/		LDL		p 0.001		/		3.4	
6		LDL-C		5mg		10mg		20mg		<70	
mg/dL	440	/		<100mg/dL		10mg		III			
5.7%	10mg	LDL-C		21%		5mg		10mg		LDL-C	
10mg		LDL-C		20mg		LDL-C		ApoB			
5mg 452		10mg		10mg		HR		VHR		10mg 20mg	
LPS15021				CVD		LMT					
6	208	HR		10mg/		10mg		FDC (R10/E10 n			
=104)	244	VHR		20mg(R20 n=104)		10mg FDC R20/E10 n=82		R20/E10 n=83)			
40mg/	10mg	FDC(R40/E10 n=79)		20mg/		40 mg(R40 n=83)		LS		-34.28% R20/E10	
VHR	R40	R40/E10		LDL-C		6		LS		-27.02% p	
-26.90%	R40	-14.62%		FDC R40/E10		R20/E10		R10/E10		LS	
-19.66%	HR	p<0.001		FDC		LDL-C		R10/E10		LS	
R20 =0.306	-21.82%	R10/E10		R10/E10		R20		LDL-C		HR	
	R10/E10	LS		R10/E10		R20 -8.84%		p=0.026			
R10		R10/E10FDC8		LDL-C		III				/	
R10/E10	1	305		R10/E10		153		R10		152	
		0.7%		10mg		R10		R10/E10		LDL-C	
		LMT		R10/E10		LDL-C		100mg/dL		8	
-13.85%	p<0.0001	R10		8		R10/E10		LDL-C-2.6mmol/L		p<0.0001	
-21.98%	R10	-8.12%		29.2%		OR		2.80		p<0.0001	
54.1%											
LDL-C		B Apo B HDL-C		TG				T-C non-HDL-C			
VLDL		HMG-CoA		3-		-3- LDL		A		LDL	
Niemann-Pick C1-like 1 (NPC1L1)											
Ames											
Ames											
7	10mg/	5 15 50mg/kg/		50mg/kg/		9		AUC		2	
40		30 Spermatidic giant cell		6		16		3% 20%		18	
	1mg/kg	5 15 50mg/kg/		50mg/kg/		3%		25%		2	
7	10mg/	30		3mg/kg/		7		AUC		25	
10	50mg/kg/	10mg/		3 4		0.3 1		21		48	
10mg/	6	10mg/		18		1000mg/kg/		AUC _{0-24hr}		1000mg/kg/	
6	15	7		19		10mg/		250 500 1000mg/kg/		10 150	
	AUC _{0-24hr}	1000mg/kg/		6 134		-		NOEL		20	
22	10mg/	1000mg/kg/		12		-		1.5		0.03	
0.5	AUC _{0-24hr}	6		21		17		100 300 1000mg/kg/			
AUC		104		10mg/		60		2 20 60 80mg/kg/		80mg/kg/	
200mg/kg/	200mg/kg/	/		AUC		107		10mg/		60	
500mg/kg/	104	AUC _{0-24hr}		500mg/kg/		10mg/		1500mg/kg/		20	
150		500mg/kg/		AUC _{0-24hr}		10mg/		10mg/		104	
CNS											
1	300	-		Wallerian		90mg/kg/		30		10mg/	
6mg/kg/	12	24		AUC		10mg/		60		52	
10mg/	300	180		30mg/kg/		90mg/kg/		AUC		10mg/	
7	/	1		/		3		/		/	
18		/		/		/		/		/	
H20263565											
YBH03482026											
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