2

III HSK21542301 HSK21542303

HSK21542301 136

J N J 135 •

5.1% 2.2% 3.7%

1 •

1

	(N = 136)	**(N = 135)**

5.1%

	0	1.5%

HSK21542303 129

J N J 129 129

• 7.8% 8.5%

8.5%

2 •

2

Å.€MaÕ©å‡Ä•ß .P«ÀÐ>p ó+b(æ

12 40 HSK21542

/ HSK21542

502 J N J

392 24 176

12

+ 6 .

+ 6 .

•

+ 6 .

4	
4 7	

1 , 9

2

3

, , , , ,

•

, , ,

+ 6 . •

CYP1A2 CYP2B6 CYP3A4 CYP1A2 CYP2B6 CYP2C8
CYP2C9 CYP2C19 CYP2D6 CYP3A4/5

BCRP P- P-gp

OATP 1B1 OATP1B3 OAT 1
OAT3 OCT 2 MATE
1 MATE2-K

2

0.16 mL J

, J NJ

&47 47F

a —J NJ

PLQ PLQ J NJ

&PD[QJ P/ QJ P/

$8&W QJ K P/ QJ K P/ PLQ

PLQ

J NJ

a JNJ

a P/ NJ

J NJ / NJ

a > & @

> & @

”

a —J NJ

W a K

“ “

J NJ

W K

“ “

“

1

1 1 $8&

&PDI

J NJ

”*)5 P/ PLQ 1 ”*)5 P/ PLQ

1 ”*)5 P/ PL1Q ”*)5 P/ PLQ1

$8&' &PDI

1

1 1 1

$8&

$8& $8&

$8&

3.

•

$8&

• $8&

,,, 6 ,

,,

K

J NJ PLQ

)$6

K 63,' 63,' K K

K &,

)$6

K YV K YV

Y V

K Y V

P J Y V P J 3 3 6

)$6

SPID0-24h *h		
95%		/
P		/

, , , 6

, , ,

K

J N J P L Q

)$6 63,' K

K K K

63,' K &, K

63,' K &,

K 63,' K &,

K)$6

K K K

K

K P @

95%			/
P			/
95%		/	/
P *		/	/

K

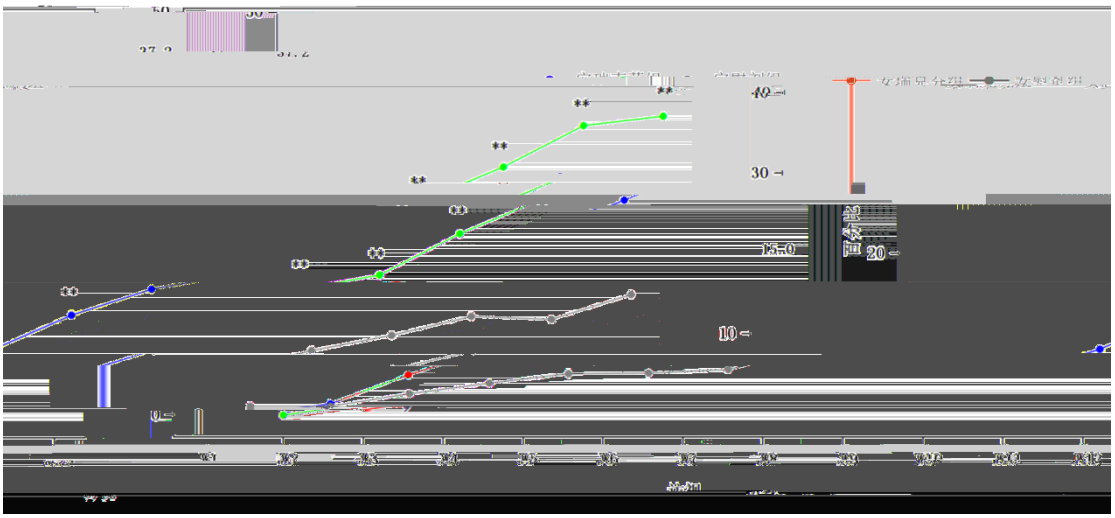
+6.

•

VS .W≥9 855 ≥ VS .W 9

≥ 855≥ 156

+6. J NJ





KOR

Ames

4

2 7 1 3 10 mg/kg/ • P J N J

/

- 6~17
0.2 1 4 mg/kg/ [AUC MRHD J N J
19 82 358] 4 mg/kg/
- NOAEL 1mg/kg/ 7~19
0.3 1 2 J N J AUC MRHD 0.1 0.3 0.8
J N J

6 21
0.2 1 4 mg/kg/

+

K W W S Z Z Z K D L V F R F R P

K W W S Z Z Z K D L V F R F R P