Edaravone and Dexborneol Sublingual Tablets
Yidalafeng Youkanchun Shexiapian

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1

(1 ,2 ,4)-1,7,7- - [2.2.1] -2-

$C_{10}H_{18}O$
154.25

2

3- -1- -2- -5-

$C_{10}H_{10}N_2O$
174.20

! ! ! ! ! k

k

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30mg 6mg k

1 2 6

14 k k

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Edaravone and Dexborneol
Sublingual Tablets

C_{min} ng/mL		0.512 70.1	0.915 25.7
	RA_{cmax}	1.49 46.5	1.28 45.9
	$RA_{AUC0-12h}$	1.54 14.3	1.25 32.1

C_{max} AUC

0.625

T_{mjx} h 0.167|0.750

63.8|75.5%

63.0|68.4%

Vx/F

23.9|25.8L Vx/F 27|33.6L

Vx/F 738|1720L Vx/F

1210|2727L

82%

4.17% 63%

1 2 3

$t_{1/2}$ 2.87|3.67h $t_{1/2}$ 1.64|3.16h 1

2 $t_{1/2}$ 3.76|4.36h

$t_{1/2}$ 4.02|7.90h

eGFR 60|89mL/min/

1.73m² 30mg 60min

C_{max} $AUC_{0-\infty}$ 1.15 1.20 eGFR

30|59mL/min/1.73m² 1.25 1.29

Child-Pugh score 5 6

30mg 60min

C_{max} $AUC_{0-\infty}$ 1.20 1.07 Child-Pugh score

7|9 1.24 1.14 Child-Pugh score 10|14

1.20 1.19

914 NIHSS 6-20

5 6 ≥2 450

1 2 / 464 14

90 mRS ≤1

64.4% 290/450 54.7% 254/464 9.7%

(95%CI: 3.4, 16.0) OR 1.50 95%CI 1.15 1.96 P = 0.0029

90 mRS Wilcoxon

P=0.0079

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	(N=450)	(N=464)
0	123(30.1)	113(26.3)
1	160(39.2)	138(32.1)
2	49(12.0)	82(19.1)
3	50(12.3)	49(11.4)
4	22(5.4)	37(8.6)
5	4(1.0)	11(2.6)
	408(100.0)	430(100.0)

x	2.66
P	0.0079

mRS

90 mRS ≤2

.51. 76.0% 342/450 72.6% 337/464

NIHSS 14 -3.3®0.2 -3.2®0.2 30

-4.8®0.1 -4.5®0.1 90 -5.8®0.1 -5.6®0.1

NIHSS 0-1 14 15.0%

16.2% 30 35.9% 32.2% 90 57.2% 51.6%

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Ames

4 !

2 6 6.25 !12.5 !

25mg/kg 25mg/kg

!

-

6 15

6.25 !12.5 !25mg/kg 25mg/kg

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6 18 2.5 !5 !10mg/kg

-

6 21

6.25 !12.5 !25mg/kg F0 F1

25,

/ / 6 / 1 / 14 / 1 /

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