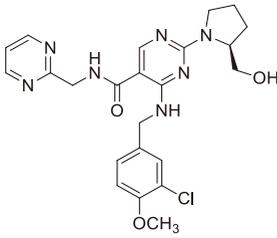


100mg 200mg
50mg

Avanafil Tablets
Afa' nafei Plan

4-[3- -4-]-2-[2S -2-
-1-]-N- -2- -5-



C₂₇H₃₀ClN₇O₃
483.95

\$2 \$.

(N=711)	
	5.6%
	3.5%
	3.4%
	2.1%

1% 2%
URI 3 3 / 12
1%

8 CYP3A4

1.

PDE5

200mg
8.0mmHg 3.3mmHg 1

2 CYP3A4

CYP450 3A4 CYP3A4 CYP3A4

CYP3A4

CYP3A4

3

50mg

24 1

3

PDE5

4 4

6

Peyronie

4

PDE5

NAION

NAION

1

2

3

215

NAION

NAION

5

PDE5

5.

PDE5

6

PDE5

PDE5

PDE5

PDE5

PDE5

PDE5

PDE5

PDE5

2

7.

3

8

PDE5

9

10.

[NO]

HIV

1 100mg 2 200mg

50mg 100mg 200mg 15 15

1

2

3 CYP3A4

CYP3A4

50mg 24 1

CYP3A4

50mg 24 1

2215

493 12 6

153 3 3

56.4 23-88 83.9% 13.8% 1.4%

1% 41.1% 30.6%

1.4% 2.0% 2.0% 1.7%

1

#2 % %

\$.

	N=349	50mg N 217	100mg N 349	200mg N 352
	1.7%	5.1%	6.9%	10.5%
	0.0%	3.2%	4.3%	4.0%
	1.1%	1.8%	2.9%	2.0%
	2.9%	0.9%	2.6%	3.4%
	1.1%	3.2%	2.0%	1.1%

1% 2%

URI 2

56.4 23-88 52 712

200mg 50mg 100mg

2.8%

100mg

200mg 5

2

	N 100	100mg N 99	200mg N 99
	1.0%	8.1%	12.1%
	0.0%	5.1%	10.1%
	0.0%	3.0%	5.1%
	0.0%	2.0%	3.0%
	1.0%	3.0%	1.0%
	1.0%	3.0%	2.0%
	0.0%	1.0%	3.0%
	0.0%	1.0%	2.0%

2 435
58.2 24-86

2% 4

	N=143	100mg N=146	200mg N=146
	0.7%	1.4%	8.9%
	0.0%	0.7%	4.1%
	0.0%	0.0%	2.1%

1

5 NAION NAION NAION PDE5

50

1. PDE5

/ cGMP / PDE5

12 PDE5 PDE5

2 PDE5

3 GC GC PDE5

4 GC 3

6 <90/50mmHg >170/100mmHg

2 9

5 <30ml/min Child-Pugh C

6 NAION PDE5 10.

1.

12

PDE5 PDE5

PDE5

200mg
3-5mmHg

PDE5

3

2.

CYP3A4 CYP3A4 CYP3A4

CYP3A4 CYP3A4

CYP3A4 AUC 400mg/ C_{max} 50mg 13

3 9 CYP3A4

CYP3A4

HIV

CYP3A4 600mg 2

50mg C_{max} AUC CYP2C9 2 13

9 CYP3A4

200mg C_{max} AUC 500mg 2 2

8 CYP3A4 2 3

CYP3A4 50mg

24 1

CYP3A4

CYP3A4

CYP3A4 5mg 1 200mg

C_{max} AUC 22% 70% 10

C_{max} AUC 9% 4%

P450

CYP

3.

CYP1A1/2 2A6 2B6 2E1 IC₅₀ 100µmol

CYP2C8 2C9 2C19 2D6 3A4

2C9 2C19 2D6 2E1 3A4 M16 CYPs1A 2A6 2B6 2C8 M16

M16 CYPs1A 2A6 2B6 2C8 2C9 2C19 2D6 2E1 3A4

200mg

R- S- 2C9 PT

INR AUC C_{max}

200mg 50mg

CYP2D6 AUC C_{max} 5.7% 5.2%

200mg 1 40mg

8 CYP2C19 AUC C_{max} 5.9% 8.6%

200mg 8mg

CYP2C8 AUC 2.0% C_{max} 14% CYP3A4

1 5mg 200mg 0.5g /kg

800mg

300mg

NO NO

cGMP cGMP

5

PDE5 cGMP