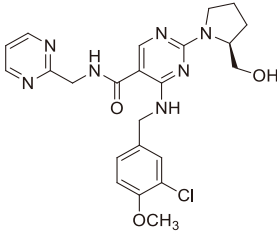


100mg 200mg
50mg

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

215

NAION

NAION

5

PDE5

5

PDE5

6

PDE5

PDE5

PDE5

PDE5

PDE5

PDE5

PDE5

PDE5

2

7

8

9

10

10

10

10

10

10

	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 4

2% \$.

	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 NAION PDE5

5 NAION NAION

50

1. PDE5

12 cGMP /

2 PDE5

3 GC GC PDE5

4 GC 3

6 <90/50mmHg >170/100mmHg

5. Child-Pugh C

6. NAION PDE5

7.

7.

[NO]

HIV

1 100mg 2 200mg
50mg 100mg 200mg 15 15

1 2
50mg

3 CYP3A4 CYP3A4
50mg 24 1

153 3 3 2215 493 12 6

56.4 23-88 83.9% 13.8% 1.4%
1% 41.1% 30.6%

1 1.4% 2.0% 2.0% 1.7%

#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 50mg 100mg

200mg 2.8%

100mg 200mg 50mg 536 75% 50mg

2

2

1. _____

12

PDE5 PDE5

PDE5
200mg
3-5mmHg

PDE5 3

2. CYP3A4 CYP3A4 CYP3A4
CYP3A4 CYP3A4
CYP3A4 AUC 400mg/ C_{max} 50mg
3 9 13
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
C_{max} AUC 5mg 1 200mg 10
C_{max} AUC 22% 70%
P450 CYP 9% 4%

3. CYP
CYP1A1/2 2A6 2B6 2E1 IC₅₀ 100µmol
CYP2C8 2C9 2C19 2D6 3A4
2C9 2C19 2D6 2E1 3A4 M16 CYPs1A 2A6 2B6 2C8 M4
M16 CYPs1A 2A6 2B6 2C8 2C9 2C19 2D6 2E1 3A4

200mg PT
INR AUC C_{max} R- S- 2C9
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 /kg
200mg 0.5g
800mg 300mg

NO NO cGMP cGMP

PDE5 cGMP