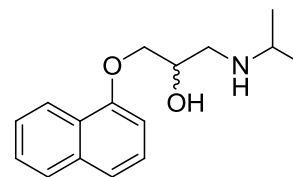


## Commonly used but banned Olympic Doping Agents

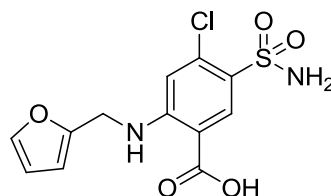


### Propranolol

Beta blocker (treats hypertension)  
Bronze and silver medal winner in shooting  
Beijing 2008

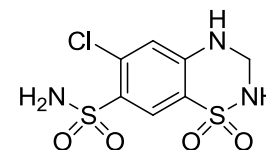
### Degree of difficulty

1



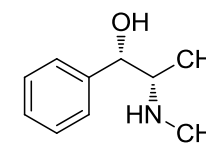
### Furosemide

Masking agent for other drugs./diuretic  
Gymnast, long distance runner,  
hammer thrower,  
London 2012



### Hydrochlorothiazide

Masking agent for other drugs/diuretic  
Most famously used by Ben Johnson

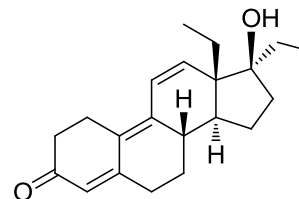


### Pseudoephedrine

Stimulant  
Gold medal gymnast  
Sydney 2004

2

4



### Tetrahydrogestrinone

"Invisible" testosterone mimic  
Triple gold medal winner Marion Jones  
Sydney 2000

### Olympic Retrosynthesis challenge!

More than one target may be attempted, but the level of difficulty will be taken into account.....