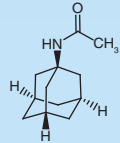


Amantadine



Spermidine/spermine N1-acetyltransferase (SSAT-1)



Acetylated amantadine (AA)

*Administered in capsule*

*Metabolized in the body*

*Secreted in the urine*



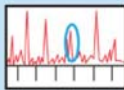
*Quantitative measurement of AA by LC-MS gold standard*

Sample collection



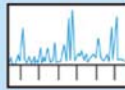
Urine/  
biological  
sample

Sample separation



Gas  
chromatography

Molecular identification



Mass  
spectrometry



*Urinary AA concentration +  
clinical assessments +  
hematological tests*



*Screening test for cancer in  
high risk populations*