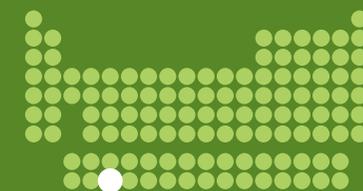


# #91



## PROTACTINIUM

# Pa

91

231.036



### RARE



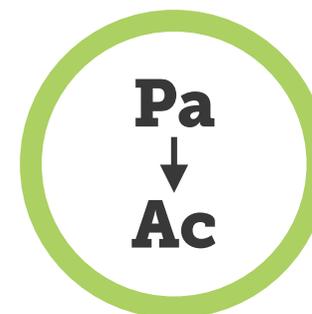
Protactinium is scarce, toxic, and highly radioactive. Consequently, it's used little outside of research.

### GEOLOGICAL DATING



Protactinium-231 is used in geology for the radiometric dating of sediments which are up to 175,000 years old.

### NAME



Protactinium's name means 'precursor of actinium' – one of its radioactive decay products is actinium.