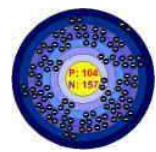


Rutherfordium - Rf

Chemical properties of rutherfordium - Health effects of rutherfordium - Environmental effects of rutherfordium	
Atomic number	104
Atomic mass	260.9 g.mol ⁻¹
Electronegativity according to Pauling	unknown
Density	unknown
Melting point	unknown
Boiling point	unknown
Vanderwaals radius	unknown
Ionic radius	unknown
Isotopes	9
Electronic shell	[Rn] 5f ¹⁴ 6d ² 7s ²
Discovered by	Lord Rutherford of Nelson



Rutherfordium

Rutherfordium is a highly radioactive chemical element. His most stable isotope Rf 265 has an half like of approximately 13 hours. Nine of its isotopes are known. Its predominant oxidation in +4 and complexes such as RfCl₆²⁻ have been confirmed.

Applications

Rutherfordium does not have any application and little is known about it.

Rutherfordium in the environment

Rutherfordium is not found free in the environment, since it is a synthetic element.

Health effects of rutherfordium

As it is so unstable, any amount formed would decompose to other elements so quickly that there's no reason to study its effects on human health.

Environmental effects of rutherfordium

Due to its extremely short half-life (about 10 minutes), there's no reason for considering the effects of rutherfordium in the environment.