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The 1 group include element uses in many field in electric and hereby for treatment, doctor say article: " The chemistry have a strong evidence for hope and introvert in a complete treating the hard ways in medical condition". Chemistry have long time treat and uses and study in different aspect. So let us go for remain conversation. A transition, major field in the human being. For example the Fe is the most important in the transfer the food in the blood vessel and the Cu give the complement spoiler for the human. Now we talking about two raw element in the below with the interaction and method and how we Treat many disease, how they transfer and give us the alpha array

Index Terms: Biochemistry • Chemical Elements • chemistry • Copper (Cu) • Disease Treatment • Elemental Interaction • Human Physiology • Iron (Fe) • Medical Chemistry • Trace elements

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Abstract

The 1 group include element uses in many field in electric and hereby for treatment, doctor say article: " The chemistry have a strong evidence for hope and introvert in a complete treating the hard ways in medical condition". Chemistry have long time treat and uses and study in different aspect. So let us go for remain conversation. A transition, major field in the human being. For example the Fe is the most important in the transfer the food in the blood vessel and the Cu give the complement spoiler for the human. Now we talking about two raw element in the below with the interaction and method and how we Treat many disease, how they transfer and give us the alpha array

Keywords: *Biochemistry, Chemical Elements, chemistry, Copper (Cu), Disease Treatment, Elemental Interaction, Human Physiology, Iron (Fe), Medical Chemistry, Trace elements*

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1 Forehead

A new method for chemistry analytical is laboratory for intervention a TRANSITION metal.

2 The Method

$$A_0(^{227}\text{Ac}) = A_{\Delta}(^{227}\text{Th}) \cdot (1 - e^{-\lambda_{\text{Th}} \cdot 227t}) \quad (1)$$

The f block of this material losses in equation. As we say above and appointed Give us the made of what is doing for patient and doctor. Pours and for patient the way by giving at any where of his interrering in body nose or Other by references. Too A is the Treat cancer cell by face the cell we discuss this aspect below Ac give alpha array as below.

Scaffold	1	2	3	4	5	6	7	8
Generated ligands	20	35	90	340	1525	7995	46 096	294 773

Table 1. Generated ligands for each scaffold

The alpha targeting the human in the most damage cell curable, i know there is no curable but within days, years w ill increase for survive. In the chemistry we use Half time to know how it is use for treating, and here we treating cancer by high percentage.

The transition element actinide and lanthanide is transfer by this models in within Reaction time to give Ac(227) Ac(227) is appointed for treating.

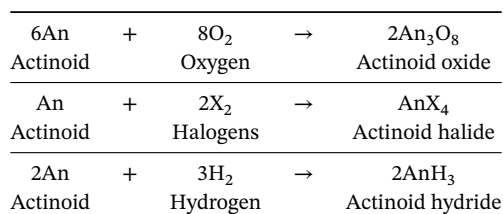


Table 2. Summary of actinoid reactions with oxygen, halogens, and hydrogen

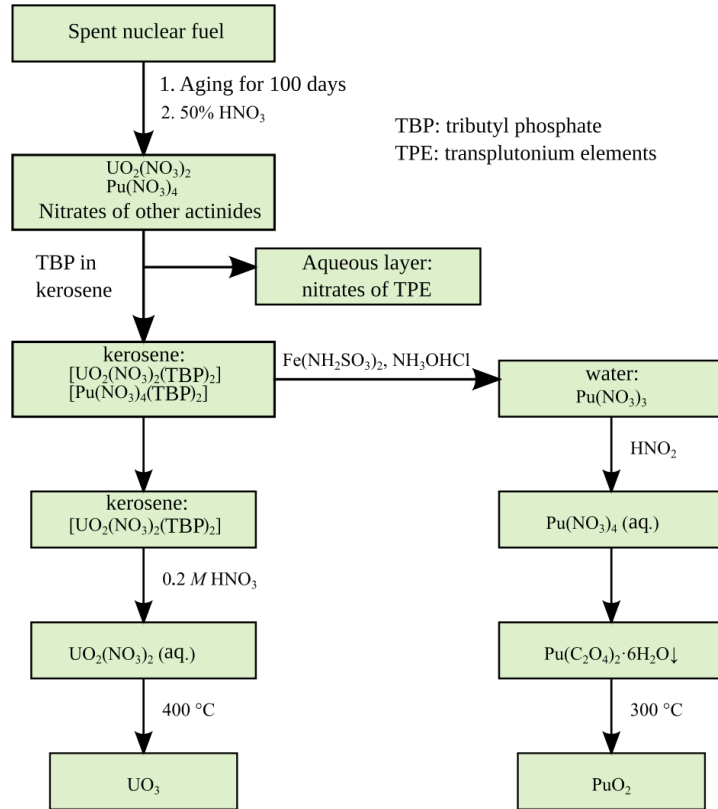


Figure 1. General information about uses and the differential in aspect of medicine

Actinium

atomic number — 89 — atomic we (227)

symbol — Ac —

electron configuration — [Rn]6d¹7s² — physical st at 20 °C (6)

name — actinium —

Actinide elements — Solid

() indicates the mass of the longest-lived isotope.

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Figure 2. Half time of Ac alpha array

[!htbp]

Table 3. Periodic table of transition elements with corresponding reference information

https://en.wikipedia.org/wiki/Group_3_element	https://en.wikipedia.org/wiki/Group_4_element	https://en.wikipedia.org/wiki/Group_5_element	https://en.wikipedia.org/wiki/Group_6_element	https://en.wikipedia.org/wiki/Group_7_element	https://en.wikipedia.org/wiki/Group_8_element	https://en.wikipedia.org/wiki/Group_9_element	https://en.wikipedia.org/wiki/Group_10_element	https://en.wikipedia.org/wiki/Group_11_element	https://en.wikipedia.org/wiki/Group_12_element	
https://en.wikipedia.org/wiki/Period_4_element	https://en.wikipedia.org/wiki/Scandium	https://en.wikipedia.org/wiki/Titanium	https://en.wikipedia.org/wiki/Vanadium	https://en.wikipedia.org/wiki/Chromium	https://en.wikipedia.org/wiki/Manganese	https://en.wikipedia.org/wiki/Iron	https://en.wikipedia.org/wiki/Cobalt	https://en.wikipedia.org/wiki/Nickel	https://en.wikipedia.org/wiki/Copper	https://en.wikipedia.org/wiki/Zinc
https://en.wikipedia.org/wiki/Period_5_element	https://en.wikipedia.org/wiki/Yttrium	https://en.wikipedia.org/wiki/Zirconium	https://en.wikipedia.org/wiki/Niobium	https://en.wikipedia.org/wiki/Molybdenum	https://en.wikipedia.org/wiki/Technetium	https://en.wikipedia.org/wiki/Ruthenium	https://en.wikipedia.org/wiki/Rhodium	https://en.wikipedia.org/wiki/Palladium	https://en.wikipedia.org/wiki/Silver	https://en.wikipedia.org/wiki/Cadmium
https://en.wikipedia.org/wiki/Period_6_element	https://en.wikipedia.org/wiki/Lutetium	https://en.wikipedia.org/wiki/Hafnium	https://en.wikipedia.org/wiki/Tantalum	https://en.wikipedia.org/wiki/Tungsten	https://en.wikipedia.org/wiki/Rhenium	https://en.wikipedia.org/wiki/Osmium	https://en.wikipedia.org/wiki/Iridium	https://en.wikipedia.org/wiki/Platinum	https://en.wikipedia.org/wiki/Gold	https://en.wikipedia.org/wiki/Mercury_(element)
https://en.wikipedia.org/wiki/Period_7_element	https://en.wikipedia.org/wiki/Lawrencium	https://en.wikipedia.org/wiki/Rutherfordium	https://en.wikipedia.org/wiki/Dubnium	https://en.wikipedia.org/wiki/Seaborgium	https://en.wikipedia.org/wiki/Bohrium	https://en.wikipedia.org/wiki/Hassium	https://en.wikipedia.org/wiki/Meitnerium	https://en.wikipedia.org/wiki/Darmstadtium	https://en.wikipedia.org/wiki/Roentgenium	https://en.wikipedia.org/wiki/Copernicium

2.1 Actinoid

This article no is treating but it is discover how the transition element uses for chemistry world.

The transition element most important in life, in electric such as zinc wire uses in wire and electrician in house and Other transits material uses in chips in electronic such as the periodic table of transition element below:

No for treating just, one days i know that element not for being as a solid state. When you work at any field you fac e the must on you need the hard material to invent and uses in your aspect don't move any further here is the solv e.

I the chemistry world as we shown above we find the test by their name help Other to find medicine and we find so me good they consist of this material consist of major uses in the whole human being and give us the power equation of vaccination of Ac and lanthanide for 4 months or all cancer patience not for waste but for hope. Thanks.

The student of chemistry learning and rate his work laboratory method of actinide extraction in lab:

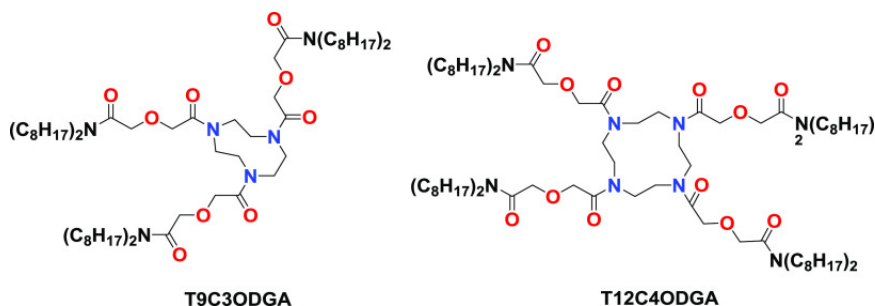


Figure 3. Laboratory method of actinide extraction in lab

This element gives us alpha that play role in treating very tough disease (cancer), and inter to make a chelate when bombarding.

2.2 The Chelate of ²²⁷Ac

2.3 ²²⁷Ac Treating Disease

The chemistry world is the my new article discuss the element transition especially the ²²⁷Ac and treating disease.

²²⁷Ac treating disease.

Actinium-227 is extremely radioactive, and in terms of its potential for radiation induced health effects, actinium-227 is about as dangerous as plutonium. Ingesting even small amounts of actinium-227 would represent a serious health hazard.

The greatest threat of radioactivity to life as we know it is damage to the gene pool, the genetic make-up of all living species. Genetic damage from radiation exposure is cumulative over lifetimes and generations.

Even low-dose exposures are carcinogenic after extended exposure. The current generation, the one in uterus, and all that follow may suffer cancers, immune system damage, leukemia, miscarriages, stillbirths, deformities, and fertility problems. While many of these health problems are on the rise, individuals cannot prove either increase in "background" radiation or specific exposure as the cause. Only epidemiological evidence is scientifically acceptable to impute cause. Perhaps the most extreme outcome over time would be simply the wholesale cessation of the ability to reproduce. Radiation is a known cause of sterility.

The chemistry is the most important since the write this article in electrician and medical term.

Doctor say about chemistry is the study to know and to discover the other element epically in transition element here are the atomic numbered the two raw of transition lanthanide and actinide.

The gamma radiation bombarde wit other reaction of Actinium-227 ad the reaction give us gamma so that here is the equation:

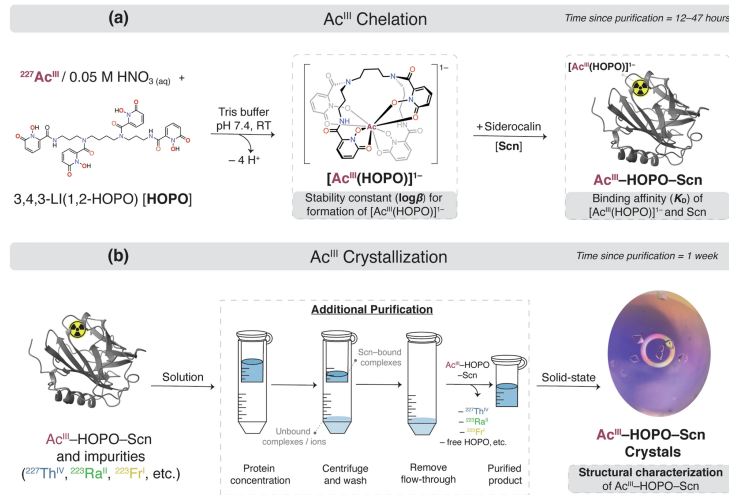


Figure 4. The chelate of ²²⁷Ac

57 ← Atomic number

La ← Symbol

Lanthanum ← Name

138.91 ← Atomic mass

[Xe] 5d¹6s² ← Electron configuration

58 Ce Cerium 140.116 [Xe] 4f ¹ 5d ¹ 6s ²	59 Pr Praseodymium 140.908 [Xe] 4f ³ 6s ²	60 Nd Neodymium 144.242 [Xe] 4f ⁴ 6s ²	61 Pm Promethium [145] [Xe] 4f ⁵ 6s ²	62 Sm Samarium 150.36 [Xe] 4f ⁶ 6s ²	63 Eu Europium 151.964 [Xe] 4f ⁷ 6s ²	64 Gd Gadolinium 157.25 [Xe] 4f ⁷ 5d ¹ 6s ²
65 Tb Terbium 158.925 [Xe] 4f ⁹ 6s ²	66 Dy Dysprosium 162.500 [Xe] 4f ¹⁰ 6s ²	67 Ho Holmium 164.930 [Xe] 4f ¹¹ 6s ²	68 Er Erbium 167.259 [Xe] 4f ¹² 6s ²	69 Tm Thulium 168.934 [Xe] 4f ¹³ 6s ²	70 Yb Ytterbium 173.045 [Xe] 4f ¹⁴ 6s ²	71 Lu Lutetium 174.967 [Xe] 4f ¹⁴ 5d ¹ 6s ²

Figure 5. Lanthanides Elements Chart

89 ← Atomic number

Ac ← Symbol

Actinium ← Name

[227] ← Atomic mass

[Rn] 6d¹7s² ← Electron configuration

90 Th Thorium 232.038 [Rn] 6d ² 7s ²	91 Pa Protactinium 231.036 [Rn] 5f ² 6d ¹ 7s ²	92 U Uranium 238.029 [Rn] 5f ³ 6d ¹ 7s ²	93 Np Neptunium [237] [Rn] 5f ⁴ 6d ¹ 7s ²	94 Pu Plutonium [244] [Rn] 5f ⁶ 7s ²	95 Am Americium [243] [Rn] 5f ⁷ 7s ²	96 Cm Curium [247] [Rn] 5f ⁷ 6d ¹ 7s ²
97 Bk Berkelium [247] [Rn] 5f ⁹ 7s ²	98 Cf Californium [247] [Rn] 5f ¹⁰ 7s ²	99 Es Einsteinium [252] [Rn] 5f ¹¹ 7s ²	100 Fm Fermium [257] [Rn] 5f ¹² 7s ²	101 Md Mendelevium [258] [Rn] 5f ¹³ 7s ²	102 No Nobelium [259] [Rn] 5f ¹⁴ 7s ²	103 Lr Lawrencium [262] [Rn] 5f ¹⁴ 7s ² 7p ¹

Figure 6. Actinides Elements Chart



Actinium-227 is the new in this century to act like play on treating, many patient with illness treatment wit this miracle Actinium-227 and the alpha emission.

3 Applications of Other Elements

In the chemistry should know the properties of the element: for example (Fe) is the element play role in the hemoglobin in the chemistry inter the industry for this the factory buy many of this element and to be used.

Chemistry world where it is find in the book we used to learn student about what is the play they act, loke (Li) is the major in the battery and we so that all the element may benefit into many other field.

3.1 Lithium (Li)

For example

(Li)

The following equations exemplify the chemistry (left to right: discharging, right to left: charging).

The negative electrode half-reaction for the graphite is:



Figure 7. Graphite negative electrode half-reaction

The positive electrode half-reaction in the lithium-doped cobalt oxide substrate is:



Figure 8. Lithium-doped cobalt oxide positive electrode half-reaction

The full reaction being:

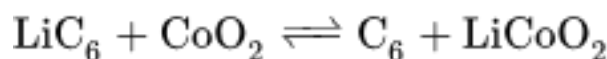


Figure 9. Overall cell reaction

The overall reaction has its limits. Overdischarging supersaturates lithium cobalt oxide, leading to the production of lithium oxide, possibly by the following irreversible reaction:

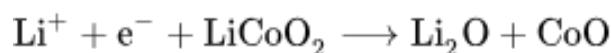


Figure 10. Irreversible reaction due to overdischarging

Overcharging up to 5.2 volts leads to the synthesis of cobalt (IV) oxide, as evidenced by x-ray diffraction:



Figure 11. Overcharging reaction forming cobalt (IV) oxide

3.2 Iron (Fe)

(Fe)

Chemistry element is the best part of chemistry, include laboratory discover and reaction and give us properties.

3.3 Chemical Properties of Actinium

The chemical properties of Actinium are listed in Table 4:

When we know the most important of element can we reacting it to do the best of itis known in many field start from medicine until the weapon and other.

3.4 Zinc (Zn)

So for example (zinc) play role in weapon like we discuss below:

Zinc plays an important role in a range of chemical reactions. In terms of applications:

And for wire electric same with aluminum, and the last element uses in air craft for eradication the dust.

Picture of uses:

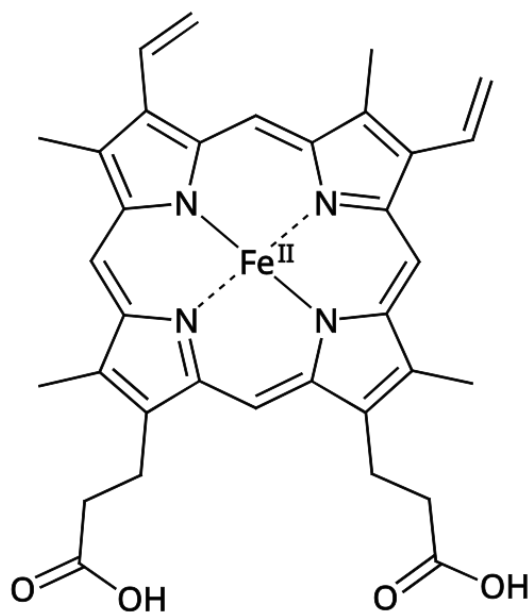


Figure 12. Hemoglobin molecule structure and iron role

Property	Value
Atomic number	89
Atomic mass	227 g.mol ⁻¹
Electronegativity according to Pauling	1.1
Density	10.07 g.cm ⁻³ at 20°C
Melting point	1050 °C
Boiling point	3250 °C
Vanderwaals radius	unknown
Ionic radius	unknown
Isotopes	4
Electronic shell	[Rn] 6d ¹ 7s ²
Energy of first ionization	664.6 kJ.mol ⁻¹
Energy of second ionization	1165.5 kJ.mol ⁻¹

Table 4. Chemical properties of Actinium

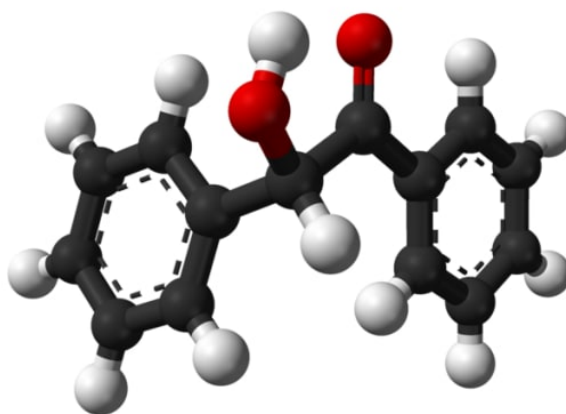


Figure 13. Applications of Zinc in weapons and industrial reactions

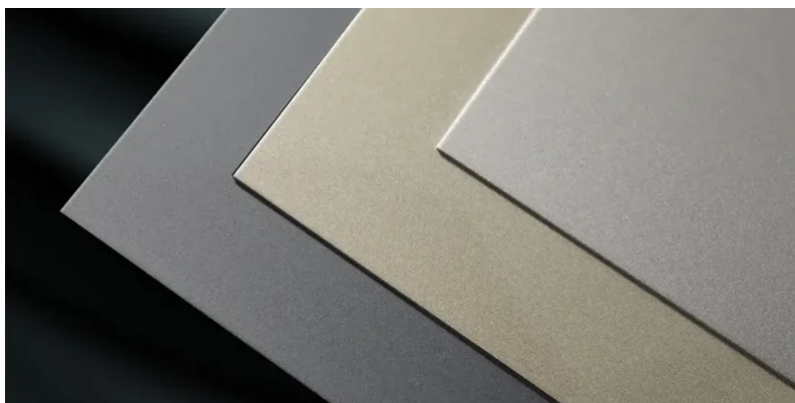


Figure 14. Zinc and aluminum applications in electric wires and dust eradication

4 Discussion and Conclusion

Let us discuss a little of world of chemistry the world make evert enjoyable is studying make his discovery and buy them. Chemistry is the branch of that periodic table and the giant discovery of the element.

The student can join to that scientist and help them to know very well the accept from other.

So that chemistry element like transition need too many article.

Here one of my attempt to play role that gone of the element without discovering.

^{227}Ac is the raw of transition element and give the medicine the acknowledge to know how it has been treating and here the table of treating the ^{227}Ac the tough disease and hard to treating.

It is the miracle to know about it:

Fact box:

Property	Actinium (^{227}Ac)
Group	Actinides
Melting point	1050°C, 1922°F, 1323 K
Period	7
Boiling point	3200°C, 5792°F, 3473 K
Block	d
Density (g cm⁻³)	10
Atomic number	89
State at 20°C	Solid
Electron configuration	[Rn] 6d ¹ 7s ²

Table 5. Actinium Fact Box

REFERENCES

- [1] Factor box.
- [2] Aluminium sandblasting.
- [3] Wayback machine.
- [4] Electrochemistry.