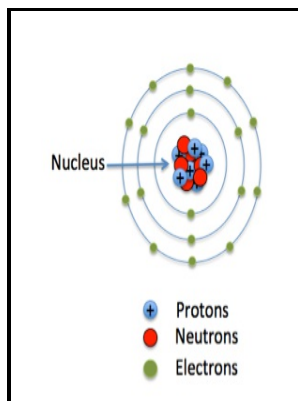


# Radioactive isotopes in biochemistry

Elsevier Van Nostrand - Applications of Stable Isotopes in Biochemistry



Description: -

-Radioactive isotopes in biochemistry

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Notes: Originally published as Radioaktive Isotope in der Biochemie.

Deuticke, 1958.

This edition was published in 1960



Filesize: 59.42 MB

Tags: #Applications #of #Stable #Isotopes #in #Biochemistry

## Examples of Radioisotopes in Biology

By measuring the isotopomer distribution of the differently labeled metabolites, the flux through each reaction can be determined.

## 33 Common Radioactive Isotopes Used in Medicine

For example, tiles and granite countertops are slightly radioactive. The benefit in using GC-MS is that not only are the mass isotopomers of the molecular ion measured but also the mass isotopomer spectrum of several fragments, which significantly increases the measured information.

## Radioactive tracer

The participants should acquire competencies corresponding to the requirements of the Danish health authorities for persons to be legally responsible for the application of open radioactive sources, cf. . With information on the positioning of the isotopic atoms in the products, the reaction pathway the initial metabolites utilize to convert into the products can be determined.

## CAB Direct

The other main method used to synthesize radioisotopes is proton bombardment. It came to the point that I had to take the test multiple times. The radioactive compound travels throughout the body, and the patient is then pushed slowly through a ring of sensors that detect the gamma radiation given off by the annihilation of positrons and electrons.

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