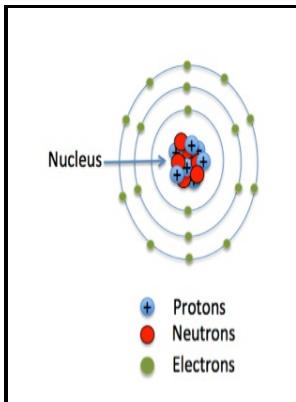


Radioactive isotopes in biochemistry

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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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