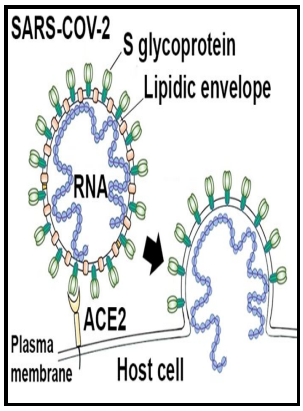
Diffraction of X-rays by proteins, nucleic acids, and viruses

St. Martins Press - X



Description: -
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Nucleic acids.
Proteins.
X-rays -- Diffraction.Diffraction of X-rays by proteins, nucleic acids, and viruses
-Diffraction of X-rays by proteins, nucleic acids, and viruses
Notes: Bibliography: p. 131-136.
This edition was published in 1966

Filesize: 54.54 MB

Tags: #Diffraction #Quotes

Molecular models of DNA

Limiting cases of the paracrystal model are , such as , , etc.

Protein Crystallization

Progress in Biophysics and Molecular Biology. One-Dimensional 1H-NMR Spectrum of Ethanol. By contrast, macromolecules generally have many degrees of freedom and their crystallization must be carried out so as to maintain a stable structure.

“A Proposed Structure for the Nucleic Acids” (1953) by Linus Pauling and Robert Brainard Corey

Portal proteins or connectors are large multimeric proteins involved in DNA packaging into viral capsids. To begin the second part of their paper, Pauling and Corey introduce their structural model of nucleic acids, starting with their argument for why nucleic acids form helical fibers.

X

It is also possible for a single atom to appear multiple times in an electron density map, e. One of the maxima in intensity is located at 0.

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