

NIPER previous questions discussion:

hydrogen bonding interactions between two polymers can be studied by

- a. IR
- b. mass
- c. XRD
- d. none

do al FDA approved drugs -2011-10-09. all ranges and basics from pavia. do LCMS, GCMS, MSMS & biotech part & basics fm new edition of satynarayana

Iontophoresis: Low volt. current (<0.5ma/cm²) 2 drive charged drugs thru skin.

Electroporation: high volt. current in form of pulse.

Sonophoresis/phonophoresis:

Power ultrasound (Low freq, 20 to 100 kHz - max permeation)

Therapeutic ultrasound (mid freq, 1 to 3 MHz)

Diagnostic ultrasound (High freq, >3 MHz).

Magnetophoresis: magnetic field is applied 2 diamagnetic/paramagnetic drugs

bepotastine ophthalmic solution is an antihistamine and mast cell stabilizer for treatment of the symptoms of allergic conjunctivitis

MOLECULAR MODELLING SOFTWARES

- > Chem3D
- > Alchemy
- > Sybyl
- > Hyperchem
- > ChemX
- > Discovery studio pro
- > CAChe

Molecular Modeling Software

- AutoDock
- Chimera
- COSMOS
- DOCKclassical
- FoldX
- Pymol & Molcad

Molecular Modeling involves the use of computer program and algorithm which calculate structure & property data for the molecule

Dielectric constant:

Mineral oil: 0

Na Oleate: 1-5

CHCl₃: 5

CH₃OH: 30

Water: 80..

DMSO it is 80

ISOELECTRIC pH

Pepsin: 1.1

Casien: 4.6

Human albumin: 4.7

Urease: 5

Heamoglobin: 6.7

Lysozyme: 11

Ozone gvs strng abs at 254

HPTLC particle size 0.1mm

Solid phase synthesis of polymer demonstrated by merrifield

Solvent in karl-fisher reagent is ethanol

Aurobindo Pharma receives approvals 4 Risperidone tablets,oral solution &Alendronate tablets 4m Therapeutic Good administration(TGA),Australia

Committee for purpose of Control & Supervision of Experimental Analysis.do such acronyms..
Do all FDA approved 2008,09,10&11 drugs..