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Unique properties and pharmacological applications of microemulsions

Microemulsions are formed from two or more immiscible liquid phases via emulsification, which is a characteristic of surface-active agents. Microemulsions are thermodynamically stable systems. They are used in many chemical and pharmacological processes due to their unique properties such as large interfacial area, low interfacial tension and the ability to solubilize and deliver hydrophobic drugs. They are suitable for drug delivery through the ophthalmic, vaginal, pulmonary, dental, and topical routes.

Biography

Nadeem Kizilbash is a Head of Biochemistry in Northern border university. He has completed his PhD in Boston University.

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