ABSTRACT

CATIONIC OIL-IN-WATER EMULSIONS

This invention generally relates to cationic oil-in-water emulsions that contain high concentrations of cationic lipids and have a defined oihlipid ratio. The cationic lipid can interact with the negatively charged molecule thereby anchoring the molecule to the emulsion particles. The cationic emulsions described herein are useful for delivering negatively charged molecules, such as nucleic acid molecules to cells, and for formulating nucleic acid-based vaccines.

(no suitable figure)