ORALLY ABSORBED PHARMACEUTICAL FORMULATION AND METHOD OF ADMINISTRATION

ABSTRACT

A pharmaceutical formulation for absorption through oral mucosae comprising an effective amount of (a) a pharmaceutical agent in mixed micellar form, (b) at least one micelle-forming compound selected from the group comprising an alkali metal alkyl sulfate and a polyoxyethylene sorbitan monooleate, (c) a block copolymer of polyoxyethylene and polyoxypropylene, (d) at least one additional micelle-forming compound, and (e) a suitable solvent. The invention also provides a metered dose dispenser (aerosol or non-aerosol) containing the present formulation and a method of administering insulin using the metered dose dispenser comprising administering split doses of a formulation containing insulin before and after each meal.