

COMPOSITIONS AND METHODS FOR TOPICAL DELIVERY OF PROSTAGLANDINS TO SUBCUTANEOUS FAT

Abstract

Described herein are compositions comprising a prostaglandin FP receptor agonist (PFPPRA) compound and a fatty acid ester (e.g., isopropyl myristate), optionally comprising an ointment base such as a hydrocarbon base (e.g., petroleum jelly) and/or an organic alcohol (e.g., propylene glycol), that, when topically applied to the skin, locally delivers a therapeutically effective amount of the PFPPRA compound to subcutaneous fat under the skin, and methods of preparation. The therapeutic effect is, for example, reduction of the subcutaneous fat under the skin. Further provided are methods of reducing body fat in a subject comprising topically administering the composition to the subject.

Figure.1