ABSTRACT

DUAL-ACTING PHARMACEUTICAL COMPOSITIONS BASED ON SUPERSTRUCTURES OF ANGIOTENSIN RECEPTOR ANTAGONIST/BLOCKER (ARB) AND NEUTRAL ENDOPEPTIDASE (NEP) INHIBITOR

Solid oral dosage forms, especially tablets, of a pharmaceutical composition comprising a supramolecular complex can be formed from a direct compression process or a compaction process such as roller compaction. Such solid oral dosage forms feature an immediate release profile that allows for fast release of the therapeutic agent. A particularly useful supramolecular complex is trisodium [3-((1S,3R)-1-biphenyl-4-ylmethyl-3-ethoxycarbonyl-1-butylcarbamoyl) propionate-(S)-3'-methyl-2'-(pentanoyl{2'-(tetrazol-5-ylate)biphenyl-4'-ylmethyl}amino)butyrate]hemipentahydrate.

Figure 1