

(54) Title of the invention : METHOD FOR PREPARATION AND ENHANCING DISSOLUBILITY BY THE LIQUISOLID COMPACTION TECHNIQUE

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(57) Abstract :

METHOD FOR PREPARATION AND ENHANCING DISSOLUBILITY BY THE LIQUISOLID COMPACTION TECHNIQUE ABSTRACT A method for preparation (100) of formulation composition and enhancing dissolubility by the liquisolid compaction (102) tablet by combining 20mg of the medication with micro crystalline cellulose (Avicel pH 102), aerosil-200 and super disintegrant (sodium starch glycolate) mixing (104) it for 10 minutes, adding Mg. stearate & Talc and then filling into a tablet. By preparing liquisolid compacts (106) by dispersing drug in non-volatile solvent systems (tween 80, propylene glycol, peg 400) called as liquid vehicles with different drug: vehicle ratio. Adding (108) mixture of carrier and coating materials to the above liquid and then adding remaining additives (110) to the above binary mixture disintegrant with sodium starch glycolate by compressing (112) it to achieve tablet hardness or encapsulated. (Reference Fig attached)

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