

ABSTRACT**NEW POLYMORPHIC FORMS OF MINOCYCLINE BASE AND PROCESSES FOR THEIR PREPARATION**

The present invention concerns new forms of crystalline minocycline base. In particular, two new crystalline polymorphic forms, designated Form IV and Form V of minocycline base are provided. These are characterized by XRD, FTIR and TGA. Processes for preparing the new polymorphic forms and their use in pharmaceutical compositions are also provided. Form IV and form V are prepared by dissolving and/or suspending minocycline base in an organic solvent followed by crystallization.

No Figure to Accompany the Abstract