

**PATENT NO. 371059**  
**SOPHOROLIPID BASED NANOSTRUCTURED LIPID CARRIERS TARGETED FOR DRUG DELIVERY PURPOSES**

**APPLICATION NO.** 201711015371

**APPLICANT**  
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**ABSTRACT**

A nanostructured lipid carriers comprising pharmaceutical composition of oleic acid as liquid oil in combination with sophorolipid in lipid phase with Tween 80 as surfactant and ethanol as co-surfactant and water in aqueous phase for delivery of antileprotic drugs such as rifampicin and dapson. A nanostructured lipid carriers comprising pharmaceutical composition of ethyl oleate as liquid in combination with sophorolipid in lipid phase with Brij 96 as surfactant and ethanol as co-surfactant and water in aqueous phase for delivery of antileprotic drugs such as rifampicin and dapson. Preparation of said sophorolipid based nanostructured lipid carrier formulations by using micro-emulsion method.

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**CLAIM 1**

A nanostructured lipid carriers comprising pharmaceutical composition of oleic acid as liquid oil in combination with sophorolipid in lipid phase with Tween 80 as surfactant and ethanol as co-surfactant and water in aqueous phase for delivery of antileprotic drugs.

