

ABSTRACT

The drug under investigation i.e., Tobramycin is an aminoglycoside antibiotic having five hydroxyl and five amino groups. In the first step amino groups were protected by the reaction with salicylaldehyde (Schiff base formation) and hydroxyl groups were protected by Acetylation. Then comparative study was made with respect to its antibiotic and antioxidant activities to the original. The protected form of Tobramycin (Schiff base) showed one fold antibiotic activity as compared to the original drug.