ABSTRACT

ANTISENSE MOLECULES FOR TREATMENT OF *STAPHYLOCOCCUS AUREUS* INFECTION

Disclosed are antisense molecules and compositions for the treatment of *Staphylococcus aureus* infection. The antisense molecules and compositions comprise nucleic acid molecules, such as RNA, DNA, or nucleic acid molecules with modified backbones, such as PNA. The antisense molecules and compositions inhibit expression of membrane stability proteins in *Staphylococcus aureus;* are optionally conjugated to cell penetration molecules such as peptides; and are optionally administered in the form of a nanoparticle composition.

Fig. 1