### Product Data Sheet

**Product Name:** KALA  
**Catalog Number:** AS-65459 (1 mg)  
**Lot Number:** See label on vial  
**Sequence:** Trp-Glu-Ala-Lys-Leu-Ala-Lys-Ala-Leu-Ala-Lys-His-Leu-Ala-Lys-Ala-Leu-Ala-Lys-Ala-Leu-Lys-Ala-Cys-Glu-Ala-OH  
**Molecular Weight:** 3131.8  
**Peptide Purity:** Peak Area by HPLC ≥95%  
**Storage:** This peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at –20°C or lower. Reconstituted peptide can be aliquoted and stored at –20°C or lower.  
**Description:** KALA is a cationic amphipathic cell-penetrating peptide (CPP). It assumes an α-helix conformation when the pH is 7.5. KALA binds oligonucleotides and disrupts cell membrane; therefore, it can be used as a DNA transfection reagent.  
**References:**  

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