

beta-Defensin-2 (trifluoroacetate salt) Biochemical

beta-Defensin-2 (human)(trifluoroacetate salt)

CATALOG #
AAA227023

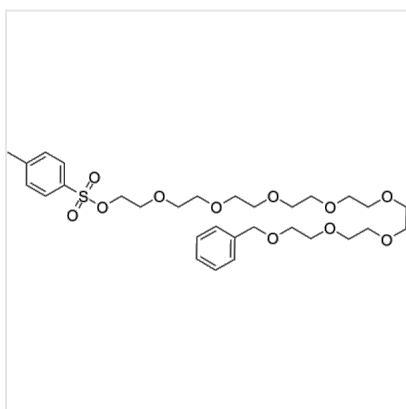
PRODUCT SYNONYMS

beta-Defensin-2 (trifluoroacetate salt); beta-Defensin-2 (human)(trifluoroacetate salt); beta-Defensin-2 (trifluoroacetate salt) biochemical

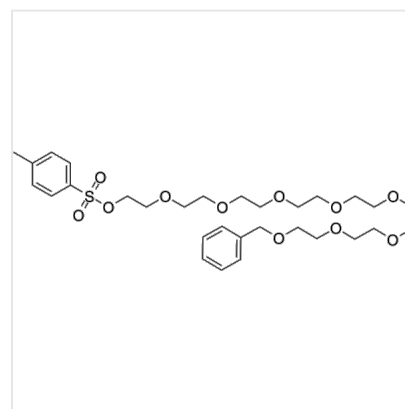
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
In vitro	beta-Defensin-2 induces IL-31 production by human peripheral blood-derived mast cells in vitro when used at a concentration of 10 ug/ml and by rat mast cells in vivo following a 500 ng intradermal dose. ⁴ Expression of beta-defensin-2 is increased in psoriatic skin and chronic wounds. ^{5,6}
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Benzyl-PEG8-Ots, CAS 1144113-17-6



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ADDITIONAL INFORMATION

Related Product Information for beta-Defensin-2 (trifluoroacetate salt) biochemical

beta-Defensin-2 is a peptide with antimicrobial properties that protects the skin and mucosal membranes of the respiratory, genitourinary, and gastrointestinal tracts. It inhibits the growth of periodontopathogenic and cariogenic bacteria, including *P. gingivalis* and *S. salivarius*.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.