

Transdermal Peptide Disulfide TFA Biochemical

Transdermal Peptide Disulfide TFA

CATALOG #
AAA227336

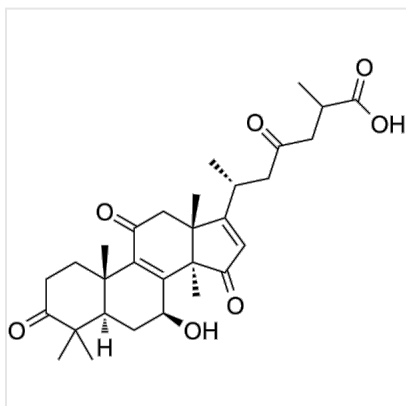
PRODUCT SYNONYMS

Transdermal Peptide Disulfide TFA; Transdermal Peptide Disulfide TFA biochemical

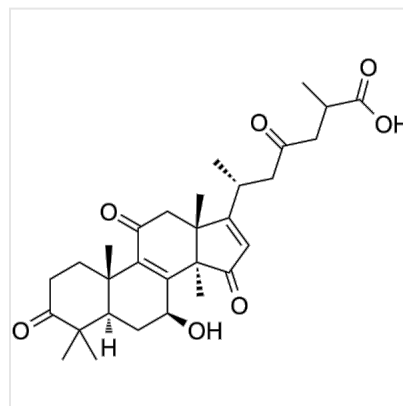
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 100 mg/mL (85.09 mM) <1mg/ml refers to the product slightly soluble or insoluble
In vitro	In the presence of Transdermal Peptide Disulfide, because of the specific binding of Transdermal Peptide Disulfide to ATP1B1, cells will upregulate the level of ATP1B1 to maintain function and structure; as a result, the expression of ATP1B1 increases. However, as time goes on, some Transdermal Peptide Disulfide molecules may be transported into cells by endocytosis; consequently, the expression of ATP1B1 then decreases. The interaction between Transdermal Peptide Disulfide and ATP1B1 changes not only the expression of ATP1B1, but also the localization of ATP1B1 and then the structure of the epidermal layer. This interaction can be attenuated by inhibitors or competitors, which would result in the reduced delivery of macromolecular drugs across the skin[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
3,11,15,23-Tetraoxo-27?-lanosta-8,16-dien-26-oic acid, CAS 1427189-02-3



Structure
3,11,15,23-Tetraoxo-27?-lanosta-8,16-dien-26-oic acid, CAS 1427189-02-3

ADDITIONAL INFORMATION

Related Product Information for Transdermal Peptide Disulfide TFA biochemical	Transdermal Peptide Disulfide TFA (TD 1 Disulfide(peptide) TFA) is a 11-amino acid peptide, binds to Na ⁺ /K ⁺ -ATPase beta-subunit (ATP1B1), and mainly interacts with the C-terminus of ATP1B1. Transdermal Peptide Disulfide TFA can enhance the transdermal delivery of many macromolecules[1].
References	1. Liaw CC, et, al. Anti-inflammatory lanostanoids and lactone derivatives from Antrodia camphorate. J Nat Prod. 2013 Apr 26;76(4):489-94.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/biochemical/transdermal-peptide-disulfide-tfa/227336>