

VPM peptide Biochemical | VPM biochemical

VPM peptide

CATALOG #
AAA227703

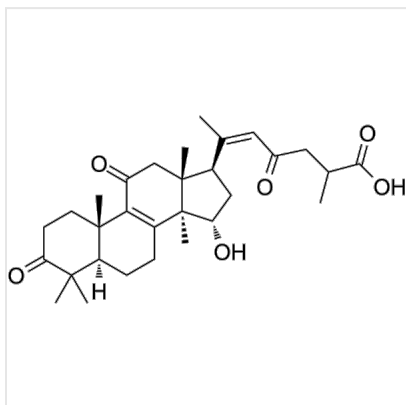
PRODUCT SYNONYMS

VPM peptide; VPM biochemical

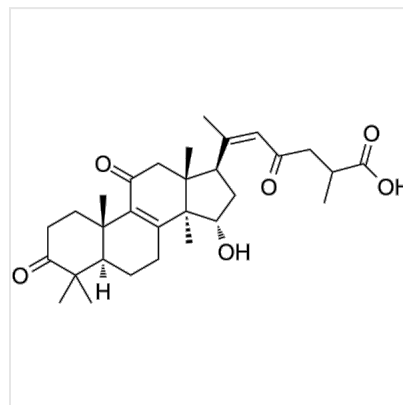
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1428885-83-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	VPM peptide is rapidly cleaved by matrix metalloproteinase (MMP)-1 and MMP-2 proteases[2]. VPM-crosslinked microgels are degradable by proteases in a concentration-dependent manner[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
15a-Hydroxy-3,11,23-trioxo-lanost-8,20-dien-26-oic acid, CAS 1961358-01-9



Structure
15a-Hydroxy-3,11,23-trioxo-lanost-8,20-dien-26-oic acid, CAS 1961358-01-9

ADDITIONAL INFORMATION

Related Product Information for VPM biochemical	VPM peptide is a dithiol protease-cleavable peptide cross-linker. VPM peptide can be incorporated into the backbone of the PEG-diacrylate (PEG-DA) macromer to form PEG hydrogel.
References	1. Yang Jiao, et al. Lanostane triterpenoids from <i>Ganoderma curtisii</i> and their NO production inhibitory activities of LPS-induced microglia. <i>Bioorg Med Chem Lett</i> . 2016 Aug 1;26(15):3556-61.

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.