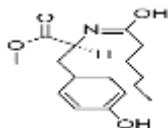


PRODUCT: MHP

ALTERNATE NAMES: (S)-Methyl 2-(hexanamido)-3-(4-hydroxyphenyl)propanoate; ethyl caprooyl tyrosinate; Defensamide

CATALOG NUMBER: B2075-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₆H₂₃NO₄

MOLECULAR WEIGHT: 293.36

CAS NUMBER: 1104874-94-3

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98%

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: MHP is a synthetic activator of sphingosine kinase (SPHK1); significantly stimulates CAMP mRNA and protein production in keratinocytes (KC).

REFERENCES: Jeong, S.K., *et al.* (2015). *J. Dermatol. Sci.* **79**, 229-234

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

MHP (Cat. No. B2075-5,25)

Sphingosine Kinase Inhibitor, SKI-I (Cat. No. 2046-5, 25)

Sphingosine Kinase 1 Antibody (Cat. No. 3883-100)

Sphingosine Kinase 2 Antibody (Cat. No. 3884-100)

PhosphoSeek™ Sphingosine Kinase Assay kit (Cat. No. K708-400)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**