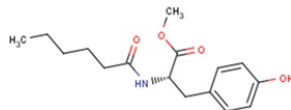


<b>Product Name</b>	: MHP
<b>Synonyms</b>	: Defensamide; methyl caprooyl tyrosinate; MHP
<b>Cat No.</b>	: M17816
<b>CAS Number</b>	: 1104874-94-3
<b>Molecular Formula</b>	: C <sub>16</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Formula Weight</b>	: 293.36
<b>Chemical Name</b>	: (S)-Methyl 2-(hexanamido)-3-(4-hydroxyphenyl)propanoate
<b>Description</b>	: Defensamide, also known as MHP and methyl caprooyl tyrosinate, is an activator of sphingosine kinase (SPHK1), and significantly stimulates CAMP mRNA and protein production in KC.
<b>Pathway</b>	: Metabolic Enzyme/Protease
<b>Target</b>	: Phosphatase
<b>Receptor</b>	: SphK
<b>Solubility</b>	: DMSO : ≥ 100 mg/mL 340.88 mM; H <sub>2</sub> O : < 0.1 mg/mL
<b>SMILES</b>	: <chem>Oc1ccc(C[C@H](NC(=O)CCCCC)C(=O)OC)cc1</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:



1.Jeong SK, et al. Sphingosine kinase 1 activation enhances epidermal innate immunity through sphingosine-1-phosphate stimulation of cathelicidin production. J Dermatol Sci. 2015 Sep;79(3):229-34.