

methyl 2-[(4-methoxy-4-oxobutanoyl)amino]benzoate Biochemical

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CATALOG #
AAA226876

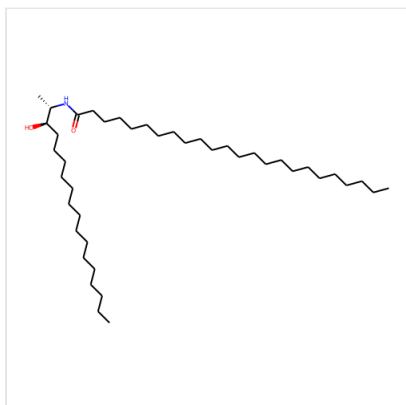
PRODUCT SYNONYMS

methyl 2-[(4-methoxy-4-oxobutanoyl)amino]benzoate; methyl 2-[(4-methoxy-4-oxobutanoyl)amino]benzoate biochemical

PRODUCT SPECIFICATIONS

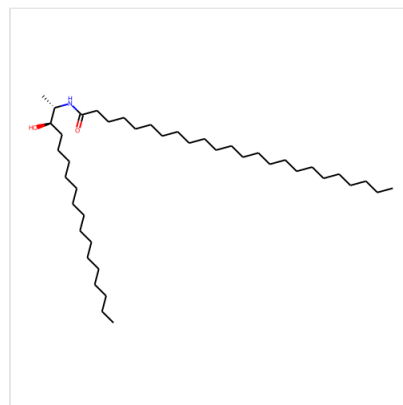
Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

C24 dihydro 1-Deoxyceramide (m18:0/24:0), CAS 1645269-63-1



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C24 dihydro 1-Deoxyceramide (m18:0/24:0), CAS 1645269-63-1

ADDITIONAL INFORMATION

References

- Steiner, R., Saied, E.M., Othman, A., et al. Elucidating the chemical structure of native 1-deoxysphingosine. J. Lipid Res. 57(7), 1194-1203 (2016). href="javascript:void(0)" >
- Alecu, I., Othman, A., Penno, A., et al. Cytotoxic 1-deoxysphingolipids are metabolized by a cytochrome P450-dependent pathway. J. Lipid Res. 58(1), 60-71 (2017). href="javascript:void(0)" >
- Alecu, I., Tedeschi, A., Behler, N., et al. Localization of 1-deoxysphingolipids to mitochondria induces mitochondrial dysfunction. J. Lipid. Res. 58(1), 42-59 (2017). href="javascript:void(0)" >
- Schwartz, N.U., Mileva, I., Gurevich, M., et al. Quantifying 1-deoxydihydroceramides and 1-deoxyceramides in mouse nervous system tissue. Prostaglandins Other Lipid Mediat. 141, 40-48 (2019).

NCBI AND UNIPROT INFORMATION

Molecular Weight	636.1
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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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/methyl-2-4-methoxy-4-oxobutanoyl-aminobenzoate/226876>