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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ADDITIONAL INFORMATION

References	ef="javascript:void(0)" > 1. 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)" > 2. 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)" > 3. 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)" > 4. 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

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://stage.aaabiotech.com/biochemical/methyl-2-4-methoxy-4-oxobutanoyl-aminobenzoate/226876