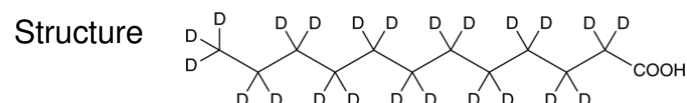


Cat. No.: GC45493



Lauric acid-d23 is intended for use as an internal standard for the quantification of lauric acid by GC- or LC-MS. Lauric acid is a common 12-carbon saturated fatty acid that has been found in *A. mollis*.¹ It induces COX-2 expression and COX-2 reporter gene activity in RAW 264.7 cells when used at a concentration of 25 mM.²

1. Liu, F., Zamora, L., Jeffs, A., et al. Biochemical composition of the Australasian sea cucumber, *Australostichopus mollis*, from a nutritional point of view. *Nutrire* 42:12, (2017).
2. Lee, J.Y., Sohn, K.H., Rhee, S.H., et al. Saturated fatty acids, but not unsaturated fatty acids, induced the expression of cyclooxygenase-2 mediated through toll-like receptor 4. *J. Biol. Chem.* 276(20), 16683-16689 (2001).

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