A novel method for the synthesis of glyceryl monocaffe transesterification and kinetic analysis

Food Chemistry

214, 192-198

DOI: 10.1016/j.foodchem.2016.07.087

Citation Report

#	Article	IF	Citations
1	Enzymatic preparation of novel caffeoyl structured lipids using monoacylglycerols as caffeoyl acceptor and transesterification mechanism. Biochemical Engineering Journal, 2017, 124, 78-87.	1.8	17
2	Synthesis of glyceryl monocaffeate using ionic liquids as catalysts. Journal of Molecular Liquids, 2017, 248, 643-650.	2.3	15
3	Enzymatic Synthesis and Antioxidant Activity of 1â€Caffeoylglycerol Prepared from Alkyl Caffeates and Glycerol. JAOCS, Journal of the American Oil Chemists' Society, 2018, 95, 149-159.	0.8	5
4	Enzymatic preparation of â€œfunctional oilâ€•rich in feruloylated structured lipids with solvent-free ultrasound pretreatment. Food Chemistry, 2018, 248, 272-278.	4.2	21
5	Parameters study of lipase-transesterification reaction of ethyl caffeate and glycerol in deep eutectic solvent (DES). IOP Conference Series: Materials Science and Engineering, 0, 440, 012004.	0.3	3
6	Novozym 40086 as a novel biocatalyst to improve benzyl cinnamate synthesis. RSC Advances, 2018, 8, 37184-37192.	1.7	14
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8	Solventâ€Free Enzymatic Synthesis of 1â€•o â€Galloylglycerol Optimized by the Taguchi Method. JAOCS, Journal of the American Oil Chemists' Society, 2019, 96, 877-889.	0.8	10
9	A novel caffeic acid-based deep eutectic solvent as caffeoyl donor to enhance glycerol caffeates synthesis. Journal of Molecular Liquids, 2019, 277, 556-562.	2.3	8
10	Novozym 435: the â€œperfectâ€•lipase immobilized biocatalyst?. Catalysis Science and Technology, 2019, 9, 2380-2420.	2.1	393
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15	Ultrasonic-promoted enzymatic preparation, identification and multi-active studies of nature-identical phenolic acid glycerol derivatives. RSC Advances, 2020, 10, 11139-11147.	1.7	3
16	Hydrophilic Glyceryl Ferulates Preparation Catalyzed by Free Lipase B from <i>Candida antar</i><i>tica</i>. Journal of Oleo Science, 2020, 69, 43-53.	0.6	5
17	Lipase-catalysed synthesis of mono- and di-acyl esters of glyceryl caffeate in propylene carbonate and their antioxidant properties in tuna oil. Journal of Biotechnology, 2021, 325, 217-225.	1.9	10
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19	Biodiesel preparation from high acid value phoenix seed oil using Eversa transform 2.0 as a novel catalyst. Biomass Conversion and Biorefinery, 2023, 13, 9821-9830.	2.9	5
20	An efficient and robust continuous-flow bioreactor for the enzymatic preparation of phytosterol esters based on hollow lipase microarray. Food Chemistry, 2022, 372, 131256.	4.2	15
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