

Accepted Manuscript

Lipase-catalysed esters synthesis of Cafestol and Kahweol

Fábio Junior Moreira Novaes,IVALDO Itabaiana Junior, Felipe Korbus Sutili, Philip John Marriott, Humberto Ribeiro Bizzo, Francisco Radler de Aquino Neto, Rodrigo Octávio Mendonça Alves de Souza, Claudia Moraes de Rezende

PII: S0308-8146(18)30553-3
DOI: <https://doi.org/10.1016/j.foodchem.2018.03.111>
Reference: FOCH 22654

To appear in: *Food Chemistry*

Received Date: 27 August 2017
Revised Date: 14 March 2018
Accepted Date: 25 March 2018

Please cite this article as: Junior Moreira Novaes, F., Junior, I.I., Sutili, F.K., Marriott, P.J., Bizzo, H.R., Radler de Aquino Neto, F., Alves de Souza, R.O.M., de Rezende, C.M., Lipase-catalysed esters synthesis of Cafestol and Kahweol, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.03.111>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Lipase-catalysed esters synthesis of Cafestol and Kahweol

Fábio Junior Moreira Novaes^{a,b}, Ivaldo Itabaiana Junior^c, Felipe Korbus Sutilli^d, Philip John Marriott^e, Humberto Ribeiro Bizzo^f, Francisco Radler de Aquino Neto^b, Rodrigo Octávio Mendonça Alves de Souza^g, Claudia Moraes de Rezende^{a}*

^aUniversidade Federal do Rio de Janeiro, Instituto de Química, Laboratório de Análise de Aromas, Avenida Athos da Silveira Ramos, 149, Bloco A, Sala 626, Rio de Janeiro, RJ 21941-895, Brazil

^bUniversidade Federal do Rio de Janeiro, Instituto de Química, LADETEC, Avenida Horacio Macedo, 1281, Rio de Janeiro RJ 21941-598, Brazil

^cUniversidade Federal do Rio de Janeiro, Escola de Química, Departamento de Engenharia Bioquímica, Avenida Athos da Silveira Ramos, Bloco E, Sala E203, Rio de Janeiro, RJ 21941-909, Brazil

^dUniversidade Estadual Paulista - Campus Botucatu, Departamento de Engenharia de Bioprocessos e Biotecnologia, Rua José Barbosa de Barros, 1780, Lageado, SP 18610 307, Brazil

^eAustralian Centre for Research on Separation Science, School of Chemistry, Monash University, Wellington Road, Clayton, Victoria, 3800, Australia

^fEmbrapa Agroindústria de Alimentos, Avenida das Américas, 29501, Rio de Janeiro, RJ 23020-470, Brazil

^gUniversidade Federal do Rio de Janeiro, Instituto de Química, Laboratório de Biocatálise e Síntese Orgânica, Avenida Athos da Silveira Ramos, 149, Rio de Janeiro, RJ 21941-895, Brazil

Submitted to FOOD CHEMISTRY

*Corresponding Author: Tel.: +55 21 3938-7121

E-mail address: fabiojmnovaes@yahoo.com.br (F.J.M. Novaes), ivaldo@eq.ufrj.br (I. Itabaiana Jr.), felipesutilli@yahoo.com.br (F.K. Sutilli), philip.marriott@monash.edu (P.J. Marriott), humberto.bizzo@embrapa.br (H.R. Bizzo), radler@iq.ufrj.br (F.R. Aquino)

Download English Version:

<https://daneshyari.com/en/article/7585087>

Download Persian Version:

<https://daneshyari.com/article/7585087>

[Daneshyari.com](https://daneshyari.com)