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Institut Lavoisier de Versailles

PUBLICATIONS VALORISATION OF NATURAL PRODUCTS AND INDUSTRIAL APPLICATIONS

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2025

Soto-Guzmán, E.E.; Pagaza-Ibarra, H.J.; Oliveros-Ortiz, A.J.; Rodríguez-García, G.; López, Y.; Bedolla-García, B.Y.; Cerda-García-Rojas, C.M.; Thomassigny, C.; Gómez-Hurtado, M.A.; Talavera-Alemán, A. *et al.*

The Absolute Configuration Determination of Patagonic Acid.

Molbank **2025**, 2025, M2027. DOI: [org/10.3390/M2027](https://doi.org/10.3390/M2027)

E.E. Soto-Guzman, A.J. Oliveros-Ortiz, A. Talavera-Aleman, M.A. Calderon-Oropeza, G. Rodriguez-Garcia, B.Y. Bedolla-Garcia, M.A. Gomez-Hurtado, C.M. Cerda-Garcia-Rojas, J. Marrot, C. Thomassigny, R.E. del Rio

Kerlinic acid preserves the furan moiety in regio- and diastereoselective oxidations

giving b-lactones and oxirane derivatives

Reactions **2025**, 6, 47-64. DOI [org/10.3390/reactions6030047](https://doi.org/10.3390/reactions6030047)

2024

D. Calderon-Rangel, H.A. Garcia-Gutierrez, R.E. del Rio, C. Thomassigny

Chemical Correlation of Cistendiol Obtained from Catic Acid in Two Different Pathways.

Natural Product Communications **2024**, 19. DOI: [10.1177/1934578X231222764](https://doi.org/10.1177/1934578X231222764)

A.K. Villagomez-Guzman, L. Hernandez-Padilla, G. Rodriguez-Garcia, C.J. Cortes-Garcia, J. Campos-Garcia, R.E. del Rio, C. Thomassigny, M.A. Gomez-Hurtado

High stereoselective semisynthesis of kauroxane and beyeroxane compounds.

J. Molec. Str. **2024**, 1306, 137904. DOI: [10.1016/j.molstruc.2024.137904](https://doi.org/10.1016/j.molstruc.2024.137904)

2023

O. R. P. David

Industrial Fragrance Chemistry: A brief Historical Perspective

Euro JOC 2023, 26, e202300900

"Best olfaction and Fragrance Research award" du Barcelon Perfumary Congress 2023.

DOI: [10.1002/ejoc.202300900](https://doi.org/10.1002/ejoc.202300900)

Brevet déposé en novembre 2023: FR2312024

Nouveaux estolides, leur procédé de préparation et leurs utilisations, notamment pour la préparation d'esters de polyglycérol.

2022

V. Carpentier, R. Goumont, N. Guillou, B. Ravel

Anti-plasticizing effect of 1,2-propanediol in melt-extruded polysaccharides /sucrose blends

J. Polymer Res. **2022**, 29, 498-508.

DOI: [10.1007/s10965-022-03352-4](https://doi.org/10.1007/s10965-022-03352-4)

D. Calderon-Rangel, H.A. García-Gutiérrez, R.E. del Río, C. Thomassigny
Alpha-amination of labdane-type diterpenes by organocatalysis.
Synthetic Commun. **2022**, 52, 451-461. DOI 10.1080/00397911.2022.2032174

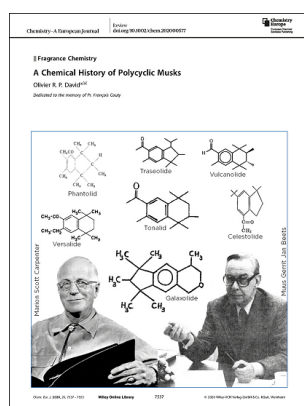
2020

A. Talavera-Aleman, M. A. Gómez-Hurtado, G. Rodríguez-García, A. Ochoa-Zarzosa, C. Thomassigny, C.M. Cerda-Garcia-Rojas, P. Joseph-Nathan, and R. E. del Río
Preparation and cytotoxic evaluation of vouacapane oxidation products.
Heterocycles **2020**, 100 (2), 207–224. DOI 10.3987/COM-19-14195

O. R. P. David

A Chemical History of Polycyclic Musks

Chem. Eur. J. **2020**, 26, 7537 (link)



2018

M.Thierry, A. Majira, B. Pégot, L. Cezard, F. Bourdreux, G. Clément, F. Perreau, S. BoutetMercey, P. Diter, G. VoThanh, C. Lapierre, P.H. Ducrot, E. Magnier, S. Baumberger, B. Cottyn

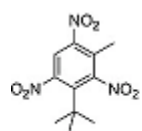
ImidazoliumBased Ionic Liquids as Efficient Reagents for the CO Bond Cleavage of Lignin

ChemSusChem **2018**, 11, 439 (link)

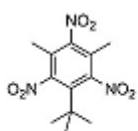
2017

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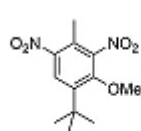
Artificial Nitro-Musks, Stories of Chemists & Businessmen



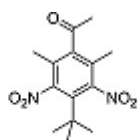
musk Baur
Baur, 1888



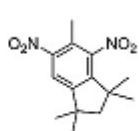
musk xylene
Schnauffer & Hupfeld, 1888



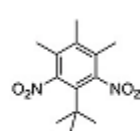
musk ambrette
Baur, 1891



musk ketone
Mallmann, 1893



Moskene
Barbier, 1930



Tibetene
Carpenter, 1935