MISSIONE 4
ISTRUZIONE
RICERCA

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Italiadomani
PIANO NAZIONALE DI RIPRESA E RESILIENZA

UniUrb_Hetslab: Una libreria virtuale esclusiva

Università degli Studi di Urbino "Carlo Bo"
17 Dicembre 2024

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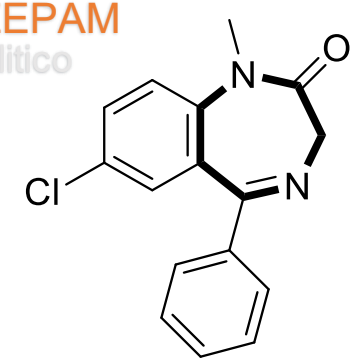
Italiadomani PIANO NAZIONALE DI RIPRESA E RESILIENZA

FARMACI

DIAZEPAM
Ansiolitico



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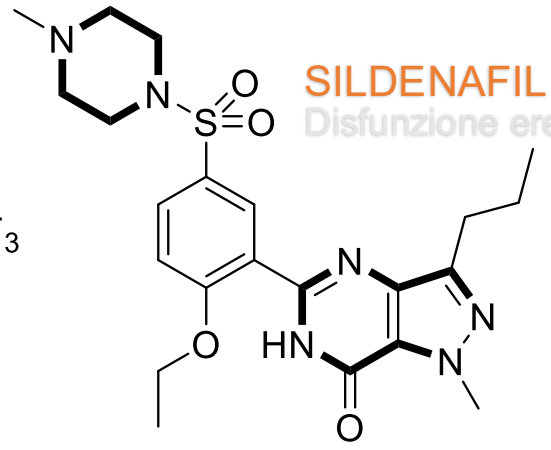
Disfunzione erettile



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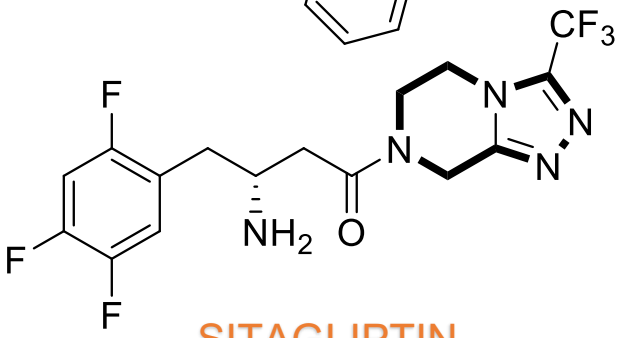
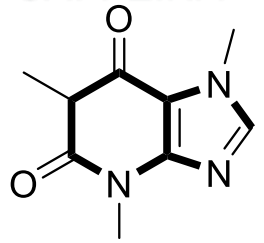
Antidiabetico



COMPOSTI NATURALI

CAFFEINA



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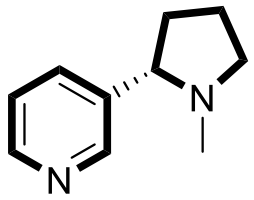

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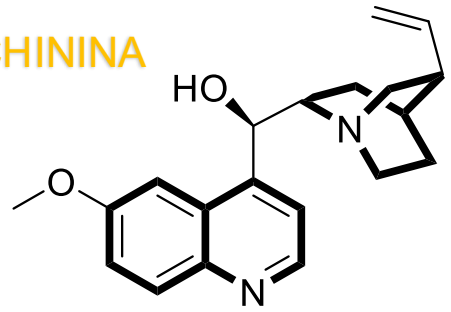
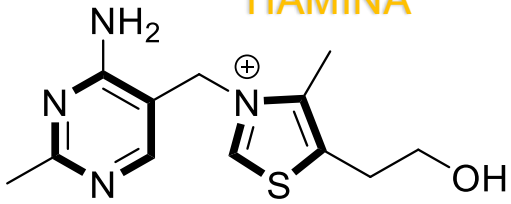


TIAMINA



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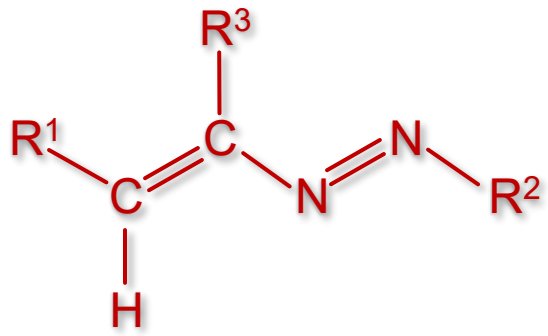

DIAZADIENI DDs

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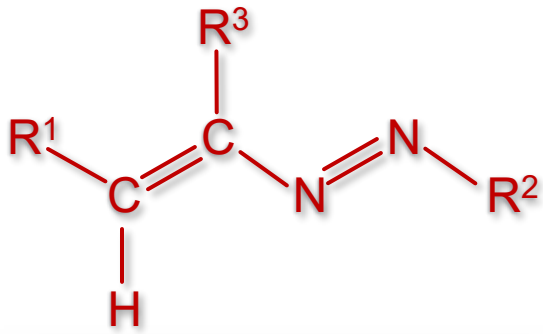
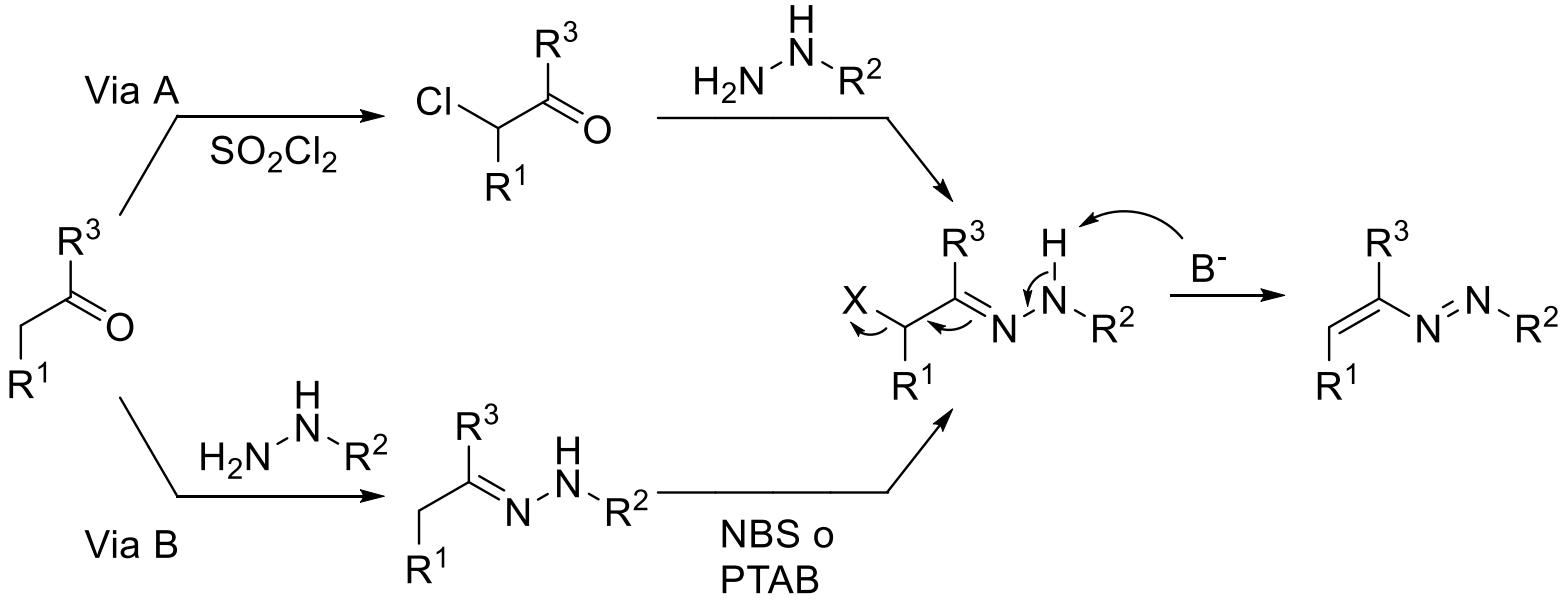
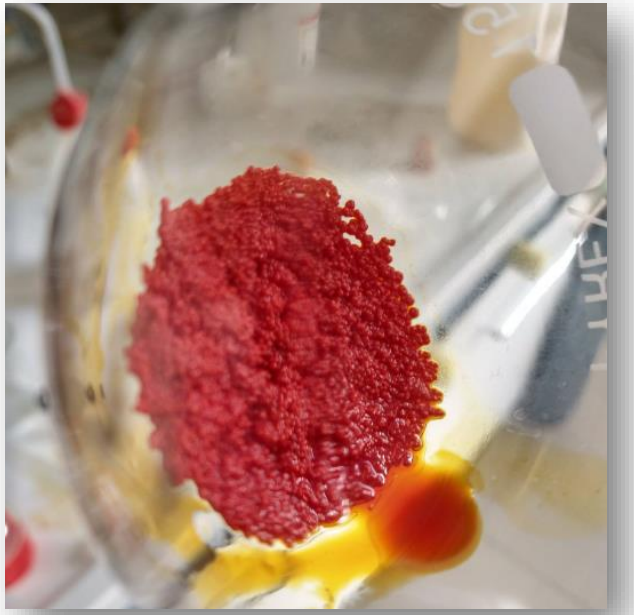
SINTESI







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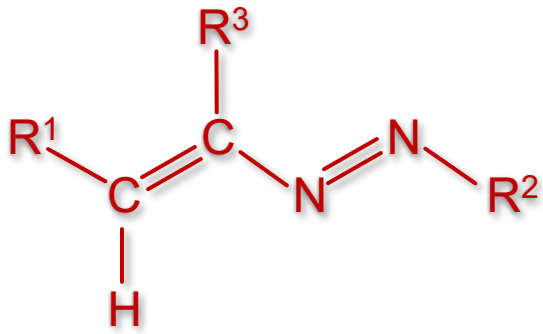
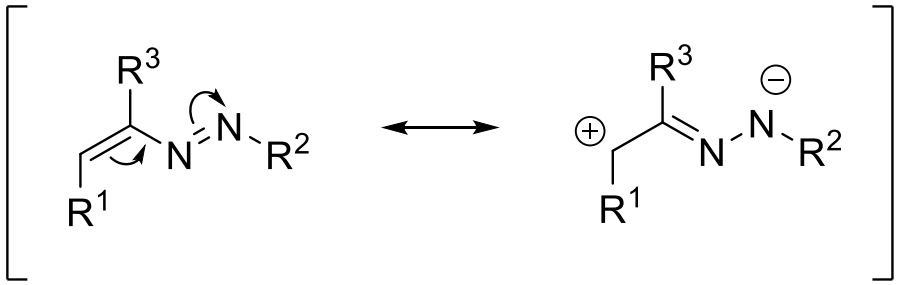
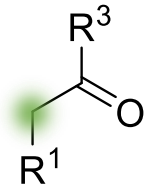
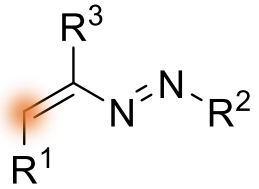




Nucleofilo





Elettrofilo

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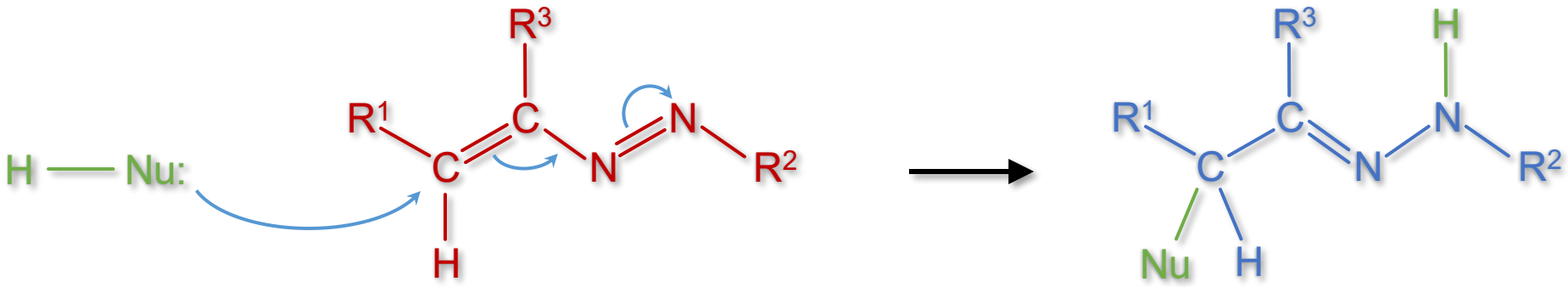

ADDIZIONE 1,4 di tipo Michael

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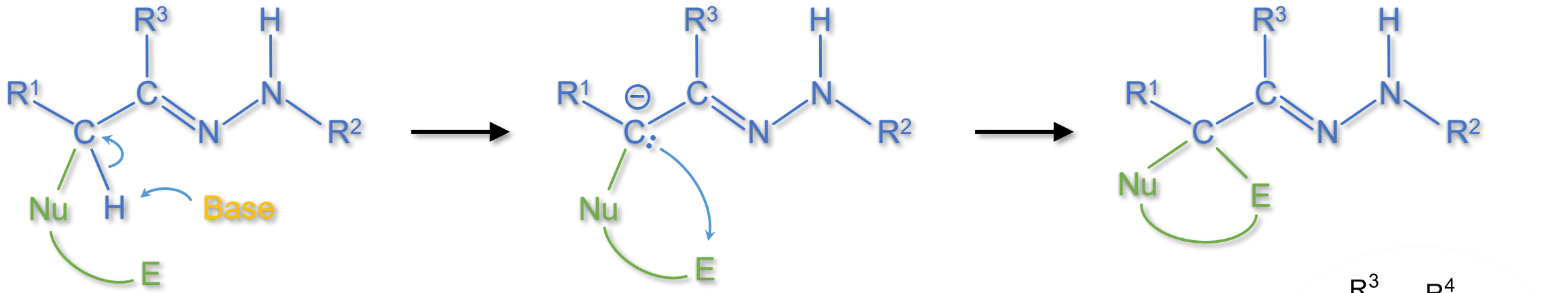


Ciclizzazione [1 + 4]

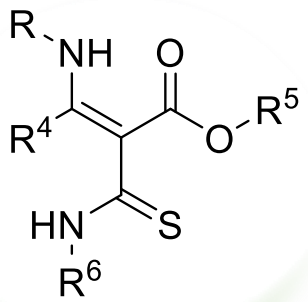
Issue 13, 2018

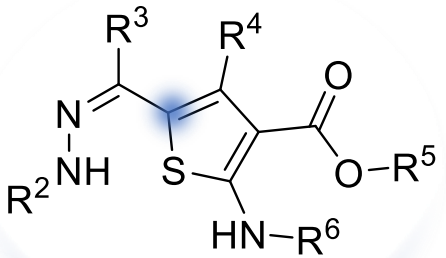
From the journal:
Organic Chemistry Frontiers

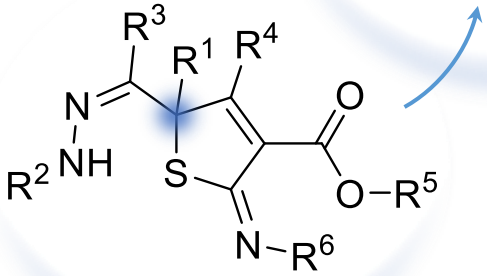
Assembly of fully substituted 2,5-dihydrothiophenes *via* a novel sequential multicomponent reaction†

Giacomo Mari, Michele Verboni, Lucia De Crescentini, Gianfranco Favi, Stefania Santeusanio and Fabio Mantellini *a

Nucleofilo







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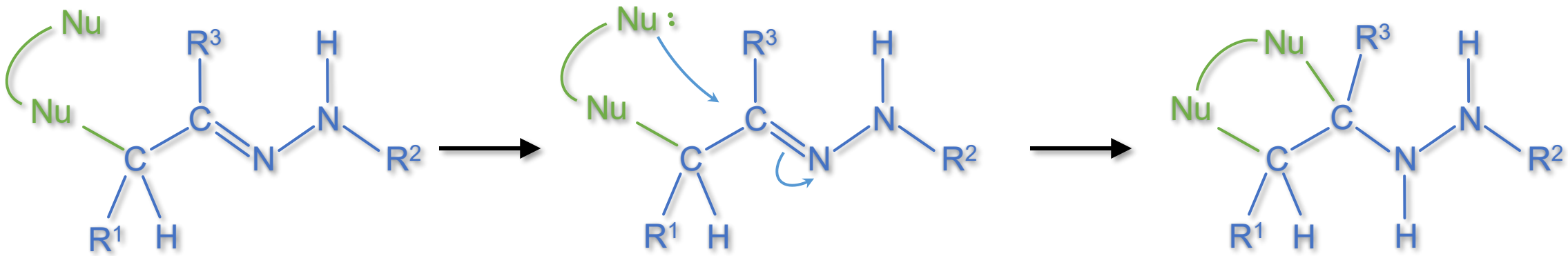

Ciclizzazione [2 + 3]

The Journal of Organic Chemistry
Cite this: *J. Org. Chem.* 2019, 84, 17, 10814−10824
https://doi.org/10.1021/acs.joc.9b01363
Published August 13, 2019
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The Journal of Organic Chemistry › Vol 84/Issue 17 › Article

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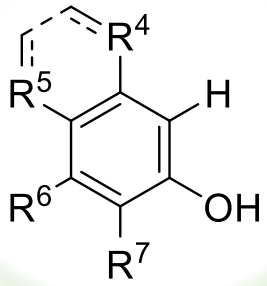
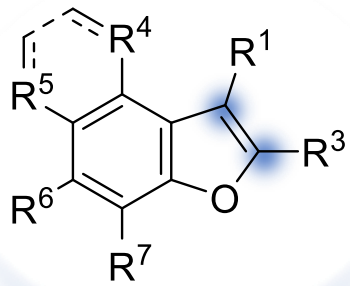
ARTICLE | August 13, 2019

Metal and Oxidant-Free Brønsted Acid-Mediated Cascade Reaction to Substituted Benzofurans

Giacomo Mari, Cecilia Ciccolini, Lucia De Crescentini, Gianfranco Favi, Stefania Santeusanio, Michele Mancinelli, and Fabio Mantellini*

Nucleofilo





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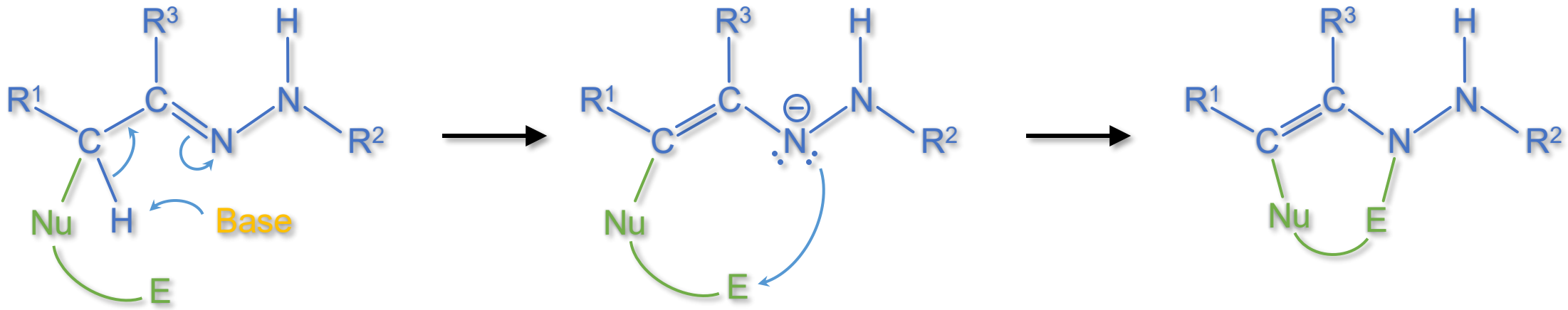


Ciclizzazione [3 + 2]

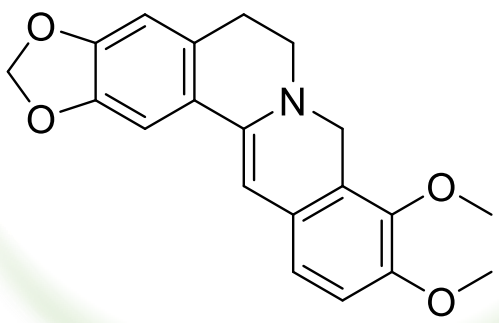
Nucleofilo

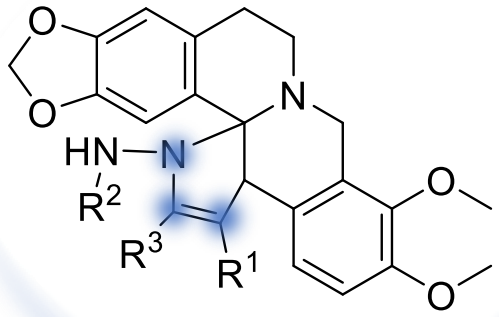
Bioorganic & Medicinal Chemistry

Volume 26, Issue 18, 1 October 2018, Pages 5037-5044

Synthesis and biological evaluation of novel heteroring-annulated pyrrolino-tetrahydroberberine analogues as antioxidant agents

Giacomo Mari [a], Simona Catalani [b], Elena Antonini [c], Lucia De Crescentini [a], Fabio Mantellini [a], Stefania Santeusanio [a], Paolo Lombardi [d], Antonella Amicucci [c], Serafina Battistelli [b], Serena Benedetti [b] ✉, Francesco Palma [c] ✉





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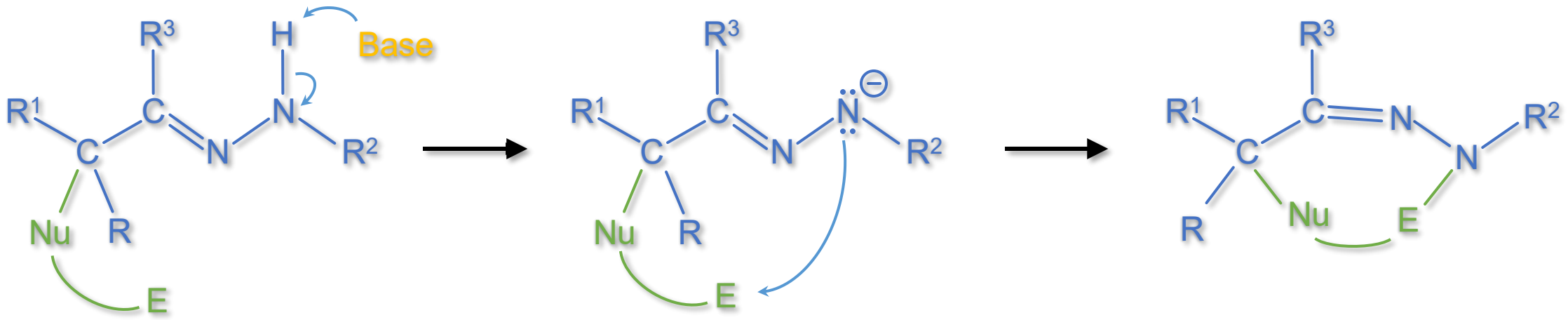


Ciclizzazione [4 + 2]

The Journal of Organic Chemistry
Cite this: *J. Org. Chem.* 2020, 85, 17, 11409–11425
https://doi.org/10.1021/acs.joc.0c01489
Published August 12, 2020

The Journal of Organic Chemistry › Vol 85/Issue 17 › Article

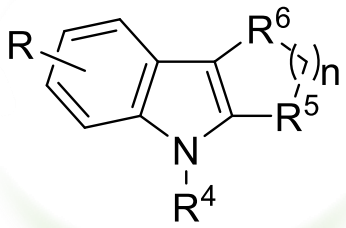
Open Access

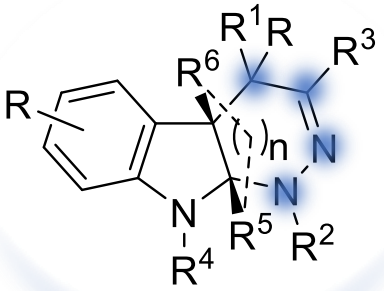
ARTICLE | August 12, 2020

Synthesis of Polycyclic Fused Indoline Scaffolds through a Substrate-Guided Reactivity Switch

Cecilia Ciccolini, Giacomo Mari, Francesco G. Gatti, Giuseppe Gatti, Gianluca Giorgi, Fabio Mantellini, and Gianfranco Favi*

Nucleofilo





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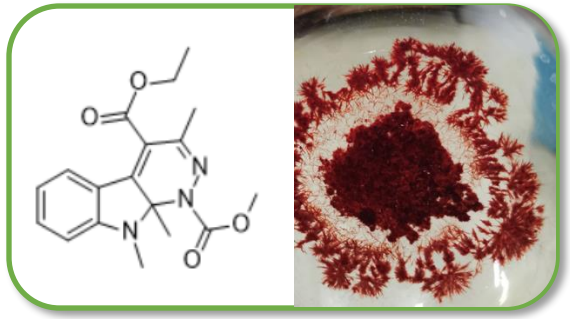

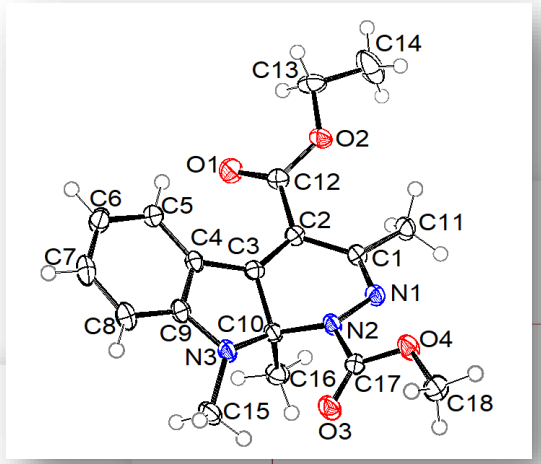

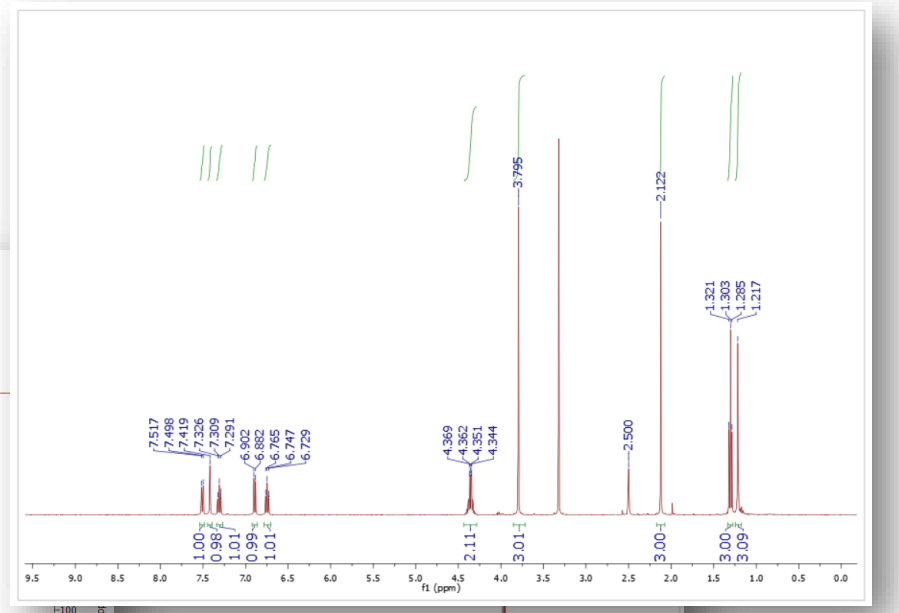

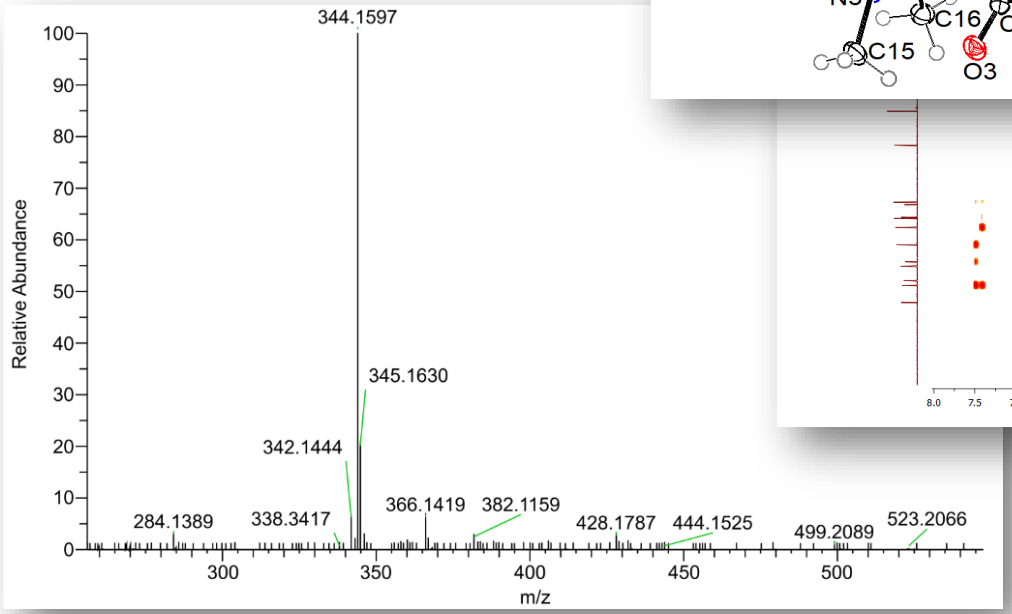

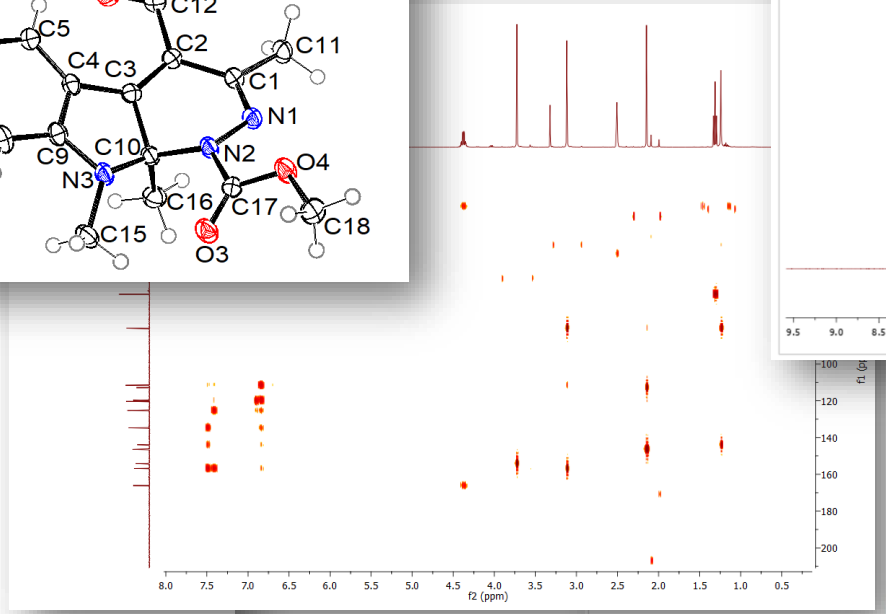

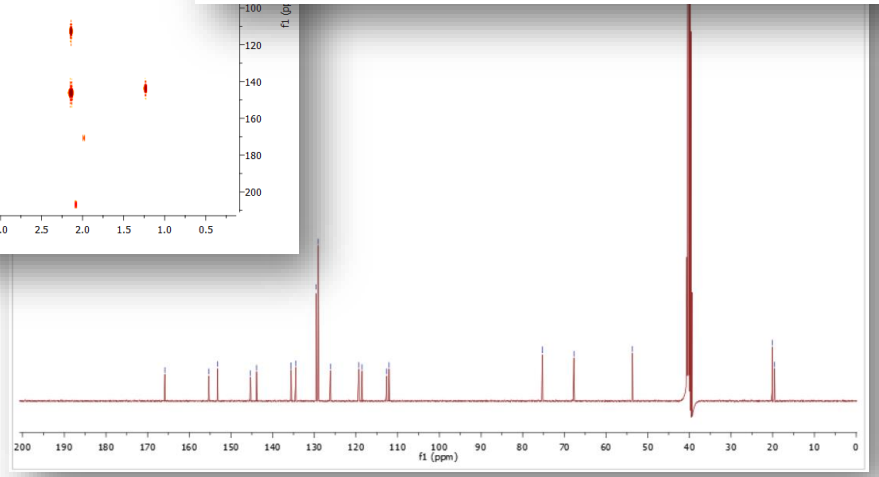

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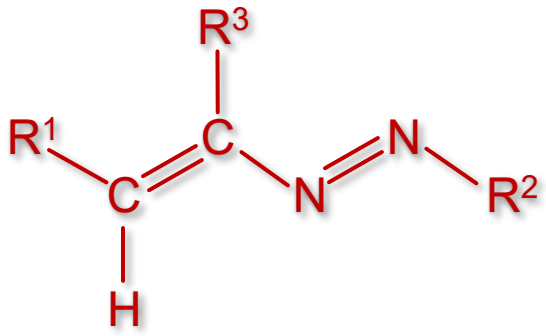

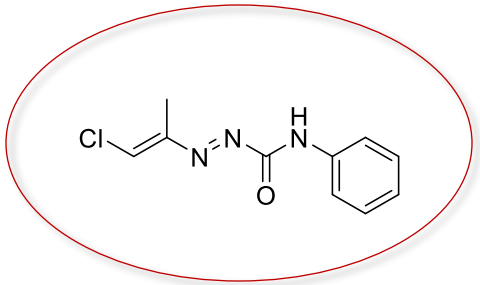

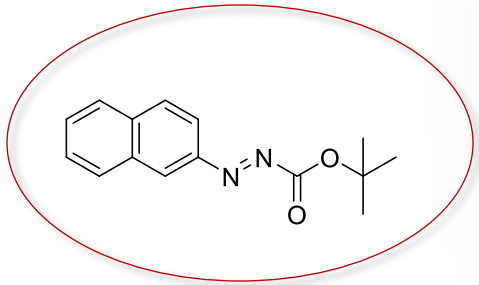

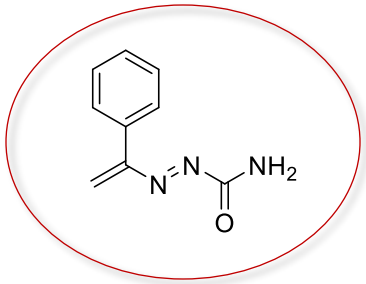

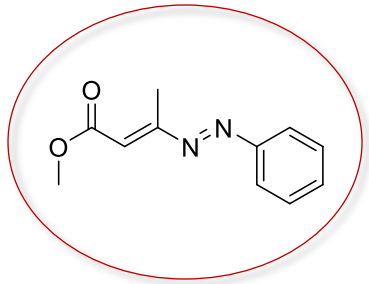

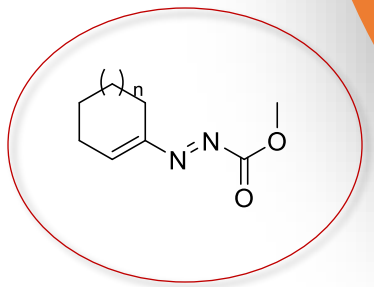

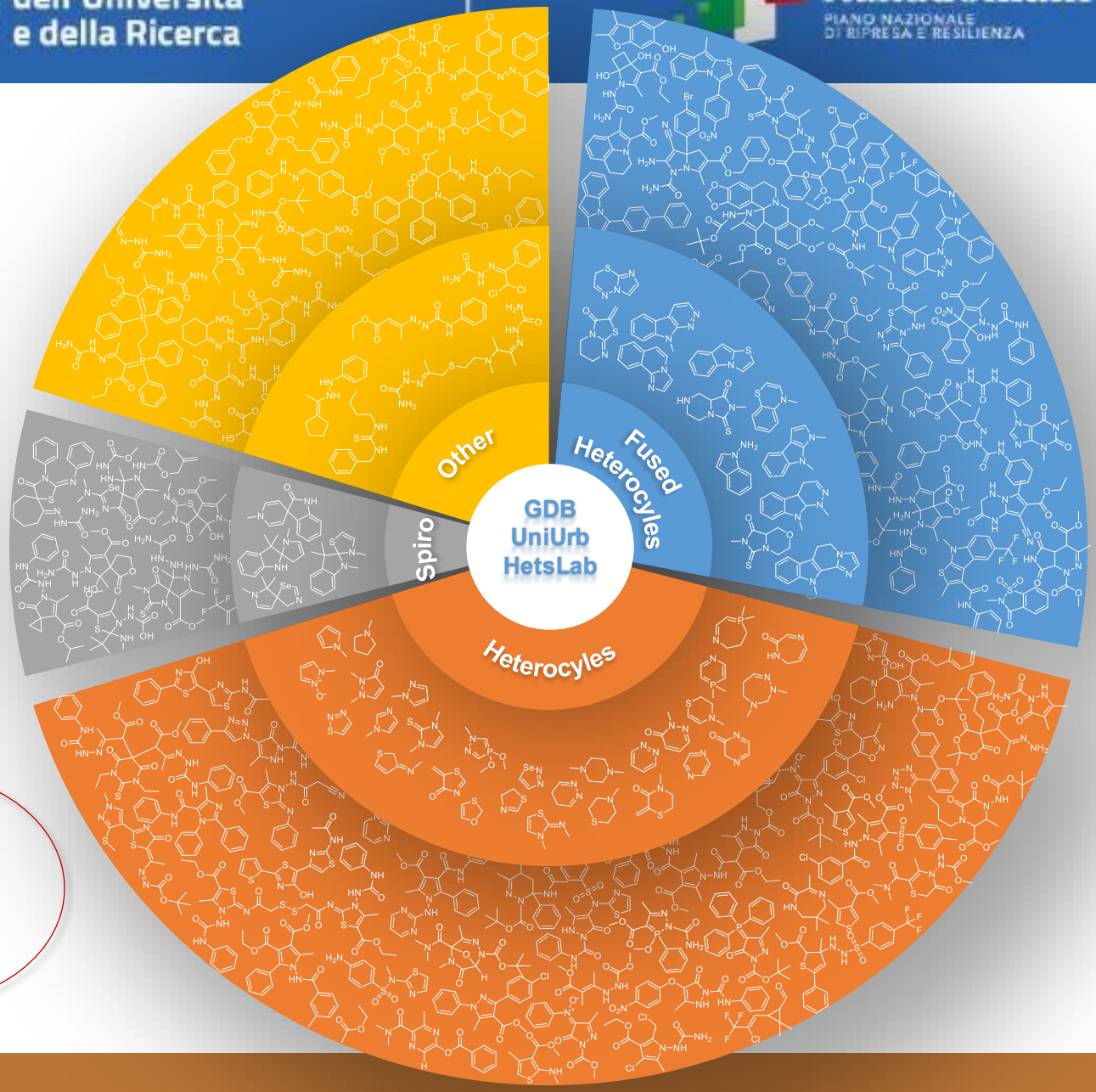

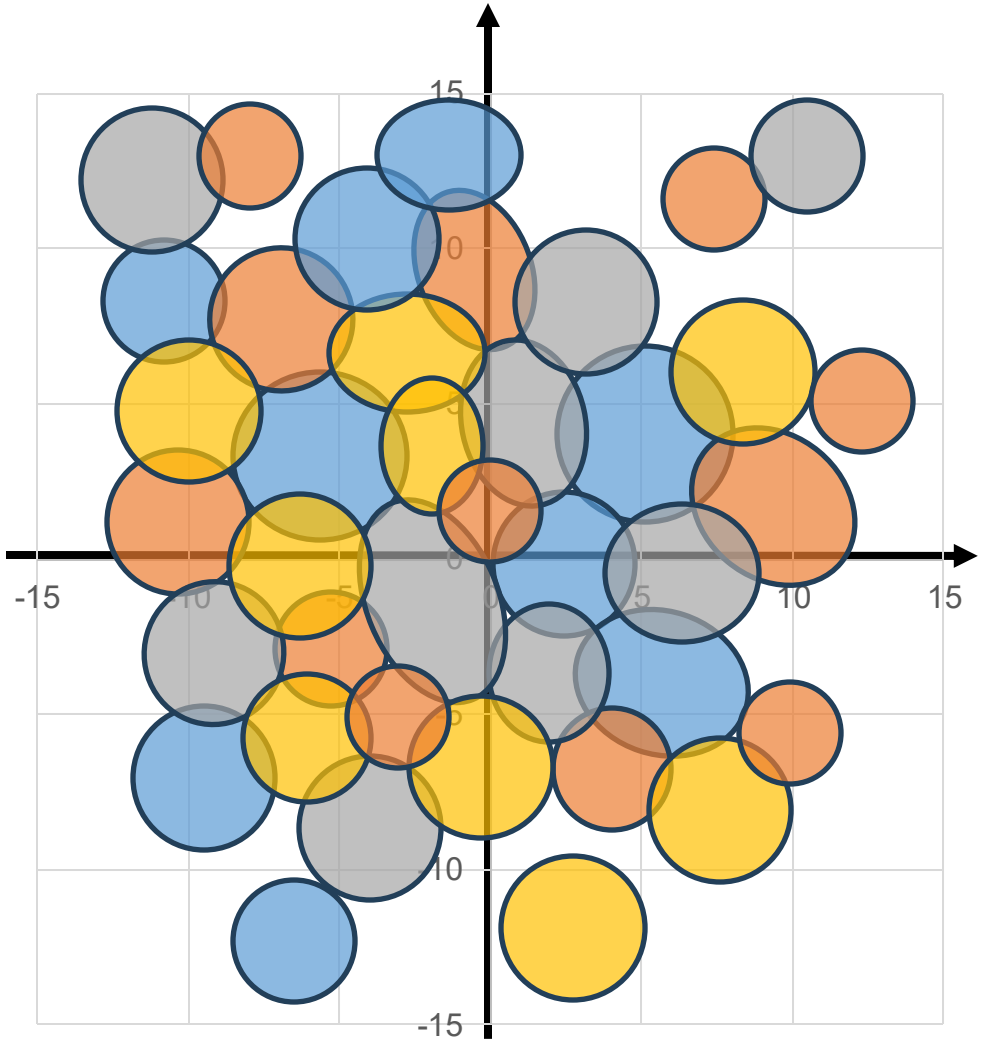

CLASSIFICAZIONE DELLE STRUTTURE

37 CENTROIDI IN RAPPRESENTANZA DI OGNI CLUSTER

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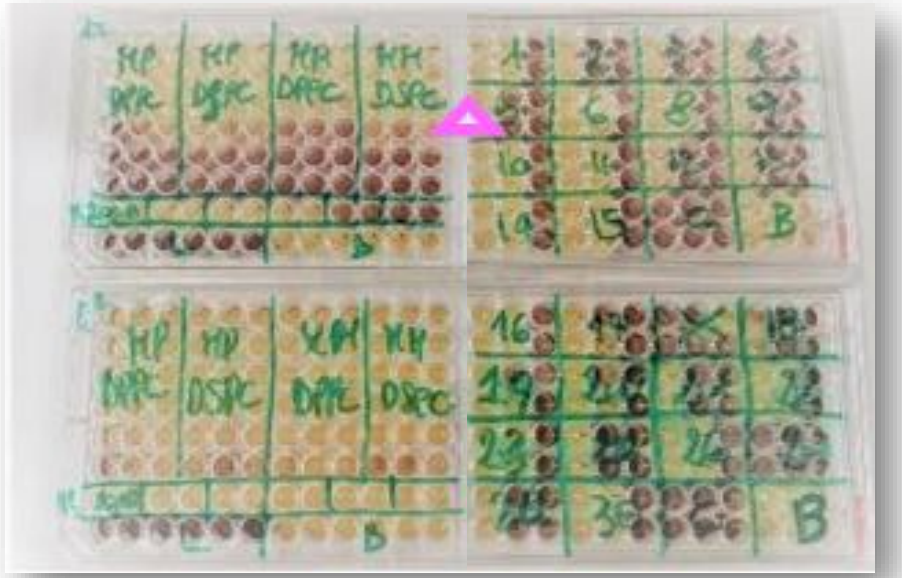
SCREENING DEI CENTROIDI

Prof. Luca Galluzzi Prof. Simone Lucarini
Dott. Aurora Diotallevi

TESTATI COME AGENTI ANTILESMANIA:



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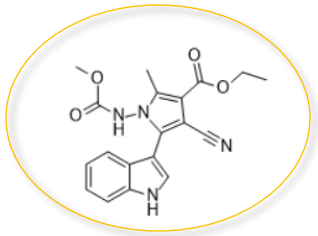

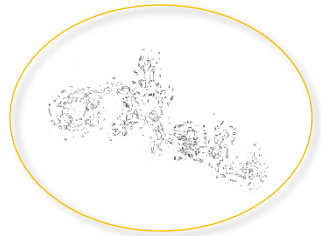

CLUSTER SCREENING

CLUSTER SCREENING

DOI: 10.1039/D4RA02790F (Paper) *RSC Adv.*, 2024, **14**, 15713-15720

Easy one-pot synthesis of multifunctionalized indole–pyrrole hybrids as a new class of antileishmanial agents†

Vittorio Ciccone‡, Aurora Diotallevi‡, Miriam Gómez-Benmansour, Sara Maestrini, Fabio Mantellini, Giacomo Mari, Luca Galluzzi, Simone Lucarini* and Gianfranco Favi*

5 STRUTTURE PROMETTENTI

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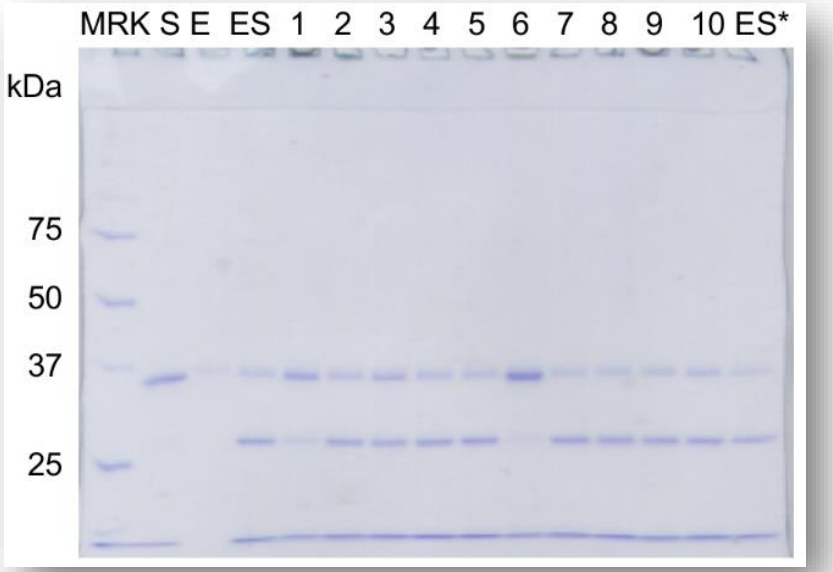
SCREENING DEI CENTROIDI

Prof. Rita Crinelli
Dott. Tania Vanzolini

TESTATI COME INIBITORI DI Usp2:

Saggi enzimatici



È EMERSO 1 LEAD

CLUSTER SCREENING

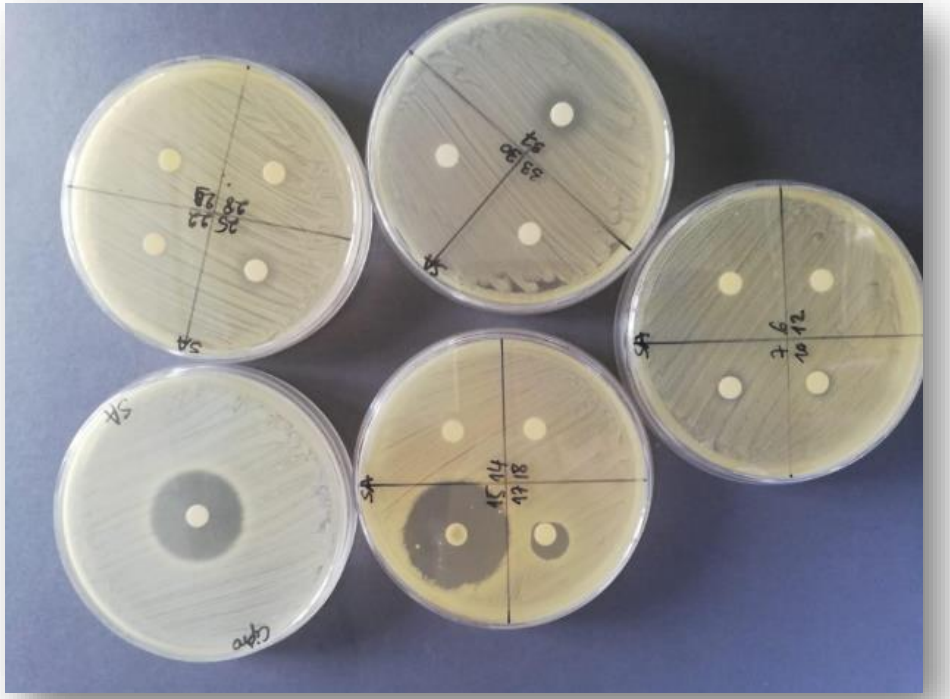
2 STRUTTURE PROMETTENTI

SCREENING DEI CENTROIDI

Prof. Emanuela Frangipani

TESTATI COME ANTIBATTERICI:

Test su Pseudomonas aeruginosa e Staphylococcus aureus



SONO EMERSI 2 LEAD

Per Staphylococcus aureus

Finanziato dall'Unione europea NextGenerationEU
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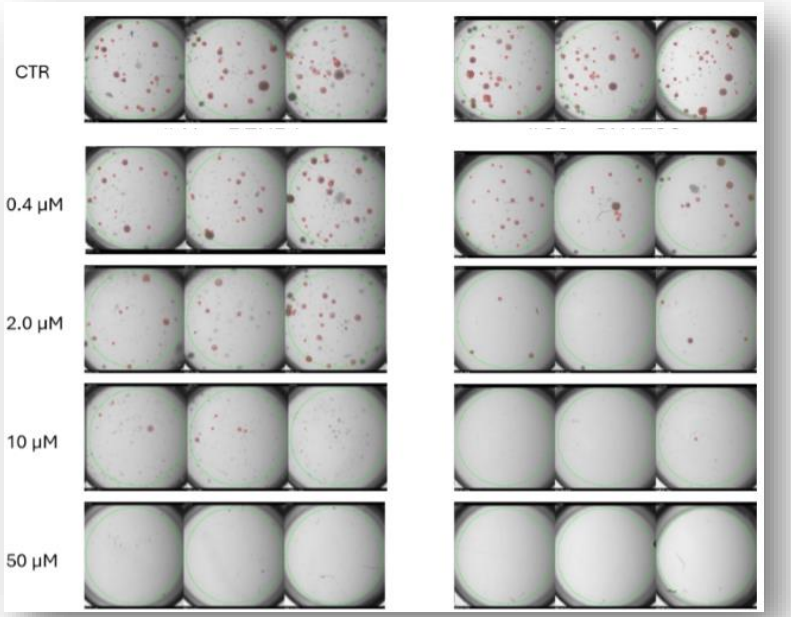
Italiadomani PIANO NAZIONALE DI RIPRESA E RESILIENZA

SCREENING DEI CENTROIDI

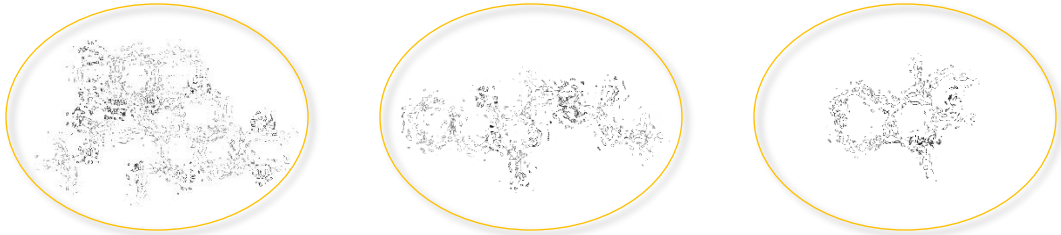
Prof. Giorgio Brandi
Prof. Mauro De Santi

TESTATI COME ANTITUMORALI:

2D and 3D cancer cells (MDA-MB-231)



SONO EMERSI 3 LEAD



CLUSTER SCREENING

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Sotto investigazione

Sotto investigazione

Grazie per l'attenzione