### **Natural Product Reports**

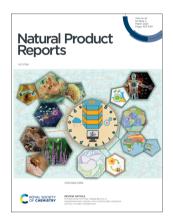
High impact, critical reviews in natural product research and related areas

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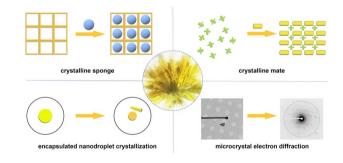
#### Cover

See Nunziatina De Tommasi. Angela Bisio et al., pp. 443-481. Image reproduced by permission of Laura Núñez Pons from Nat. Prod. Rep., 2025, 42, 443. Created by Laura Núñez Pons on Inkscape (Harrington, B. et al. 2004-2005. Inkscape. http://www.inkscape.org), some images were modified under free license from pexels.com and vecteezy.com.

### HIGHLIGHT

### Advanced crystallography for structure determination of natural products

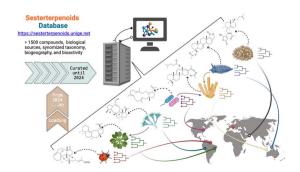
Jian-Guo Song, Wen-Cai Ye\* and Ying Wang\*



### **REVIEWS**

### Sesterterpenoids: sources, structural diversity, biological activity, and data management

Valeria Iobbi, Valentina Parisi, Mauro Giacomini, Francesco De Riccardis, Paola Brun, Laura Núñez-Pons, Giuliana Drava, Paolo Giordani, Maria Chiara Monti, Roberto Poggi, Ylenia Murgia, Nunziatina De Tommasi\* and Angela Bisio\*





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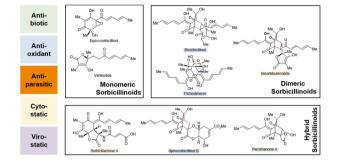


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The fungal natural product class of the sorbicillinoids: structures, bioactivities, biosynthesis, and synthesis

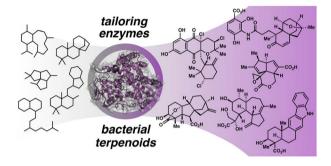
Tobias M. Milzarek\* and Tobias A. M. Gulder\*



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The role and mechanisms of canonical and noncanonical tailoring enzymes in bacterial terpenoid biosynthesis

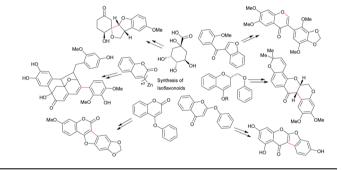
Yuya Kakumu, Ayesha Ahmed Chaudhri and Eric J. N. Helfrich'



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### Total synthesis of isoflavonoids

Mamoalosi A. Selepe,\* Siyanda T. Mthembu and Molahlehi S. Sonopo



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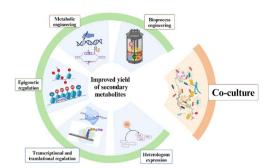
Subterranean marvels: microbial communities in caves and underground mines and their promise for natural product discovery

Paris S. Salazar-Hamm, Frances E. Homan, Shyleigh A. Good, Jennifer J. M. Hathaway, Ashley E. Clements, Evelyn G. Haugh and Lindsay K. Caesar\*



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### Harnessing microbial co-culture to increase the production of known secondary metabolites

Yu-Zhen Li, Wan-Qi Zhang, Peng-Fei Hu, Qiong-Qiong Yang, István Molnár,\* Peng Xu\* and Bo-Bo Zhang\*