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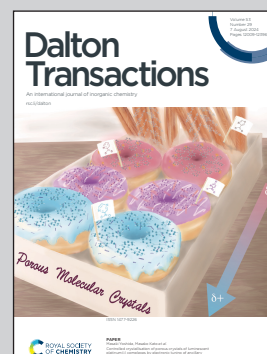
Showcasing research from Professor Sotiris K. Hadjikakou's laboratory of Biological Inorganic Chemistry, Department of Chemistry, University of Ioannina, Greece.

Tetracycline: structural characterization and antimicrobial properties of its water-soluble di-anionic bi-sodium salt

One of the most pressing contemporary issues faced by any healthcare system is the emergence of microbial resistance to modern antibiotics. Despite being an older, well-established antibiotic, tetracycline continues to be widely utilized across many healthcare systems. Recently, in our laboratory, we have enhanced the efficacy of tetracycline by modifying its structure, thereby increasing its potency against both gram-positive and gram-negative microbes.

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As featured in:



See Christina N. Banti, Sotiris K. Hadjikakou *et al.*, *Dalton Trans.*, 2024, **53**, 12080.