

One ring to fight them all: The sulfazecin story.

Braga D, Lackner G (2017) One ring to fight them all: The sulfazecin story. *Cell Chem Biol* 24(1), 1-2. (Review)

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Abstract

In this issue of Cell Chemical Biology, Li et al. (2017) report on the biosynthesis of the monobactam sulfazecin by *Pseudomonas acidophila* and hypothesize a novel mechanism of β -lactam ring formation. As monobactam antibiotics are unaffected by some emerging resistance mechanisms (particularly metallo- β -lactamases), this discovery opens prospects to engineer β -lactam antibiotics against multi-drug resistant pathogens.

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