

Rationalizing the Right Ratios.

Arp J, Stallforth P (2017) Rationalizing the Right Ratios. *Cell Chem Biol* 24(5), 539-541.
(Review)

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Abstract

The three hydroxamate siderophores, avaroferrin, bisucaberin, and putrebactin are synthesized by the same key enzyme AvbD. Rütchlin et al. (2017) show that the ratio of these three compounds is not governed by the enzyme's substrate specificity but rather by the substrate pool. This ensures a large metabolic flexibility and adaptability to new environments.

Involved units

Leibniz-HKI-Authors



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[Details](#)



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Identifier

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