

## Formal Synthesis of (+)-Phoslactomycin B

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### Abstract

Phoslactomycin B is a *Streptomyces* metabolite whose antitumor activity is a consequence of its selective and potent inhibition of protein serine/threonine phosphatase. A salient feature of the synthesis is an asymmetric Baylis-Hillman reaction mediated by  $\beta$ -isocupreidine (C).