

Tetrahedron Letters Vol. 56, Issue 29, 2015

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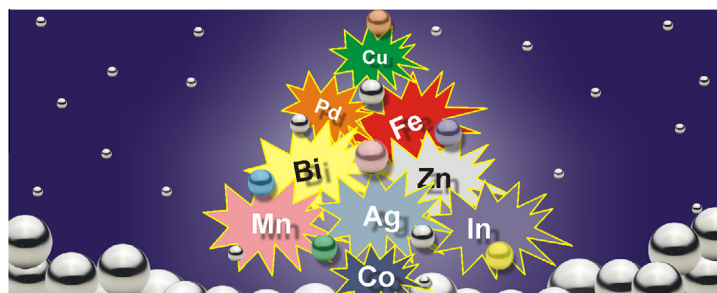
DIGEST PAPERS

Metal-catalyzed organic reactions using mechanochemistry

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José G. Hernández, Tomislav Friščić*

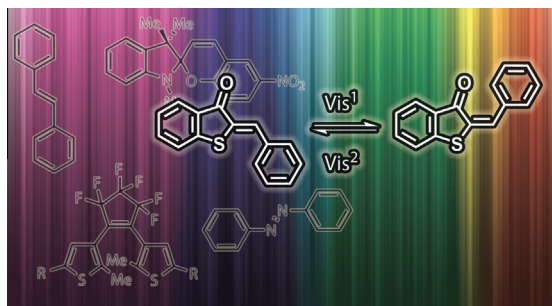
The past decade has witnessed an explosive growth of interest in mechanochemical reactions by milling or grinding, and rapid expansion of mechanochemical methodologies into different areas of chemistry, from supramolecular chemistry and organic synthesis to metal–organic frameworks and nanoparticle synthesis. This Digest Letter highlights the recent advances in metal-catalyzed mechanochemical reactions, one of the most rapidly developing areas of modern organic mechanosynthesis.



Hemithioindigo—an emerging photoswitch

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Sandra Wiedbrauk, Henry Dube*

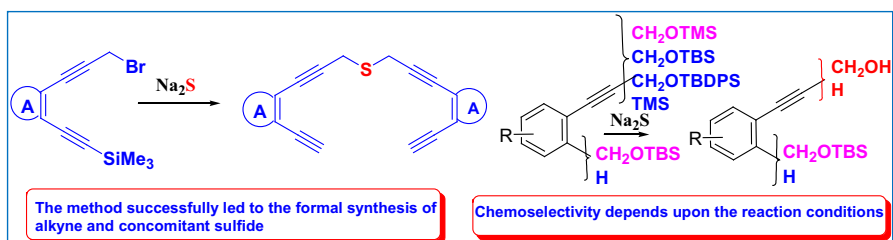


COMMUNICATIONS

Sodium sulfide in methanol: a two-in-one reagent for deprotection of silyl and formation of propargyl sulfide

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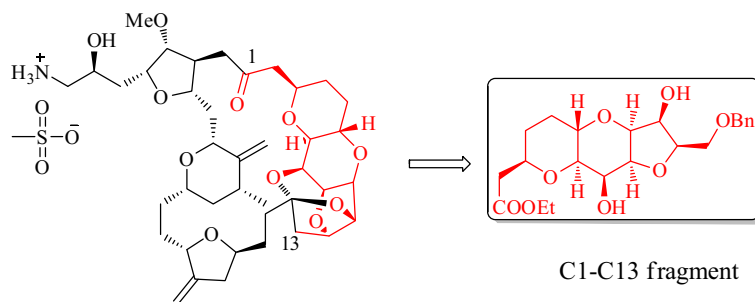
Ishita Hatial, Raja Mukherjee, Kalyan Senapati, Amit Basak*



Practical and stereoselective synthesis of [6,6,5]-tricyclic core (C1–C13) of eribulin mesylate

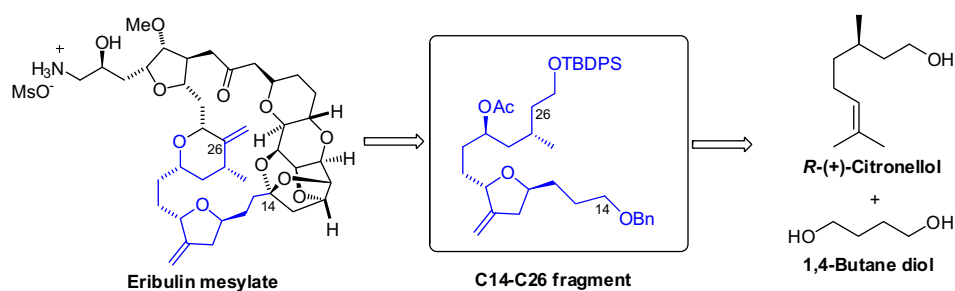
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Akondi Srirama Murthy, Srivari Chandrasekhar*

**A practical synthesis of C14–C26 fragment of anticancer drug, eribulin mesylate**

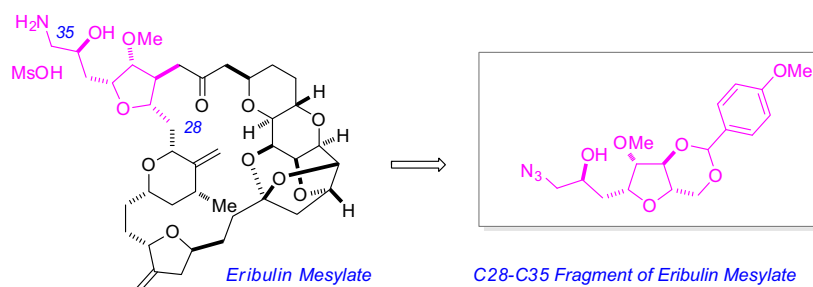
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Nadella Lavanya, Nayani Kiranmai, Prathama S. Mainkar, Srivari Chandrasekhar*

**Tandem organocatalytic approach to C28–C35 fragment of eribulin mesylate**

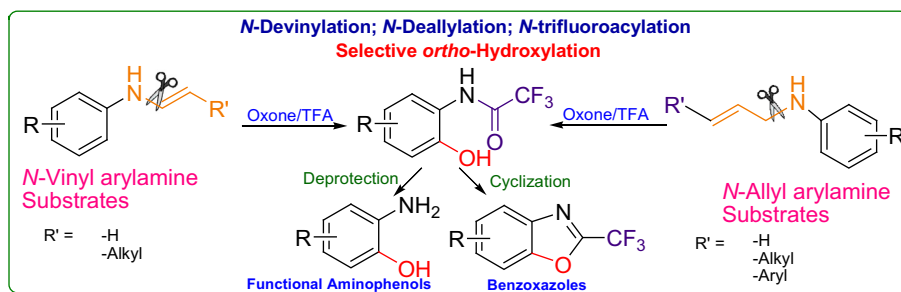
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Lahu N. Chavan, Rambabu Chegondi, Srivari Chandrasekhar*

**Direct C–N bond cleavage of N-vinyl or N-allyl arylamines: a metal-free strategy for N-devinylation and N-deallylation**

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Shilpi Balgotra, Vunnam Venkateswarlu, Ram A. Vishwakarma, Sanghapal D. Sawant*



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