

# Handbook of functionalized organometallics - application in synthesis

## Wiley-VCH - Organomagnesium Based Flash Chemistry: Continuous Flow Generation and Utilization of Halomethylmagnesium Intermediates



Description: -

- Organometallic compounds -- Synthesis. Handbook of functionalized organometallics - application in synthesis - Handbook of functionalized organometallics - application in synthesis Notes: Includes bibliographical references and index. This edition was published in 2005



Filesize: 12.12 MB

Tags: #Organomagnesium #Based #Flash #Chemistry: #Continuous #Flow #Generation #and #Utilization #of #Halomethylmagnesium #Intermediates

## Handbook of Functionalized Organometallics. Applications in Synthesis, two volumes. Edited by Paul Knochel., Angewandte Chemie International Edition

Handbook of functionalized organometallics: applications in synthesis. Nickel ligated to either neocuproine or bipyridine couples an  $\alpha,\beta$ -unsatd. Journal of Neuro-Oncology 2011, 103 2 , 175-185.

### Application of organometallics in organic synthesis

A similar reaction with 4-methylbenzoyl bromide afforded dtbbpy Ni II C O tolyl Br 1c.

### Book Review: Handbook of Metathesis

Inorganic Chemistry 2019, 58, 11614-11621. Reactions of hexanoylnickel 1b with four different organic halides bromobenzene,  $\alpha$ -chloroethylbenzene, bromooctane, and iodoctane were performed, and the results are summarized in Table.

### Stoichiometric Reactions of Acylnickel(II) Complexes with Electrophiles and the Catalytic Synthesis of Ketones

Journal of Organic Chemistry 2017, 82 7 , 3880-3885. Paul Knochel provides everything there is to know about this hot topic. Inorganic Chemistry 1994, 33, 5625-5638.

### Thieme E

Photochemistry Photobiology B: Biology 2015, 145, 35-47. Alkylaryl-substituted aldehydes gave excellent yields toward chlorohydrins 2a—d and very good to excellent yields of oxiranes 3a—d.



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## Related Books

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