

1. Record Nr.	UNINA9910830269303321
Titolo	Cleavage of carbon-carbon single bonds by transition metals / / edited by Masahiro Murakami and Naoto Chatani
Pubbl/distr/stampa	Weinheim an der Bergstrasse, Germany : , : WILEY-VCH Verlag GmbH & Co. KGaA, , 2016 ©2016
ISBN	3-527-68011-X 3-527-68009-8 3-527-68010-1
Descrizione fisica	1 online resource (363 pages) : illustrations
Disciplina	661.0681
Soggetti	Carbon compounds Scission (Chemistry) Transition metals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Fundamental reactions to cleave carbon-carbon [alpha]-bonds with transition metal complexes / Masahiro Murakami and Naoki Ishida -- Reactions of three-membered ring compounds / Takanori Matsuda -- Reactions of four-membered ring compounds / Takanori Matsuda -- Reactions involving elimination of CO ₂ and ketones / Tetsuya Satoh and Masahiro Miura -- Retro-allylation and deallylation / Hideki Yorimitsu -- Reactions via cleavage of carbon-carbon bonds of ketones and nitriles / Mamoru Tobisu -- Miscellaneous / Masahiro Murakami and Naoki Ishida -- Total syntheses of natural products and biologically active compounds by transition-metal-catalyzed C-C cleavage / Masahiro Murakami and Naoki Ishida.