

Publication

Artificial metalloenzymes for olefin metathesis based on the biotin-(strept)avidin technology

Journal Article (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 1014779

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Year 2011

Title Artificial metalloenzymes for olefin metathesis based on the biotin-(strept)avidin technology

Journal Chemical Communications

Volume 47

Number 44

Pages / Article-Number 12065-7

Keywords MULTIWAVELENGTH SPECTROSCOPIC DATA; SELECTIVE PROTEIN MODIFICATION; EQUILIBRIUM-CONSTANTS; CROSS-METATHESIS; COMPLEXES; CATALYSTS; (STREPT)AVIDIN; AVIDIN; BIOTIN; HOST

Incorporation of a biotinylated Hoveyda-Grubbs catalyst within (strept) avidin affords artificial metalloenzymes for the ring-closing metathesis of N-tosyl diallylamine in aqueous solution. Optimization of the performance can be achieved either by chemical or genetic means.

Publisher Royal Society of Chemistry

ISSN/ISBN 0022-4936

edoc-URL <http://edoc.unibas.ch/dok/A6002022>

Full Text on edoc No;

Digital Object Identifier DOI 10.1039/c1cc15004a

PubMed ID <http://www.ncbi.nlm.nih.gov/pubmed/21959544>

ISI-Number 000296342800006

Document type (ISI) Journal Article