Title	Anionic hetero [3,3] rearrangements. N_acylhydroxylamine-O-carbamates to α -amino acids : a new method for introduction of amino groups at the α -position of carboxylic acids
Sub Title	
Author	遠藤, 泰之(Endo, Yasuyuki) 膝舘, 祥治(Hizatate, Shoji) 首藤, 紘一(Shudo, Koichi)
Publisher	共立薬科大学
Publication year	1992
Jtitle	共立薬科大学研究年報 (The annual report of the Kyoritsu College of Pharmacy). No.37 (1992.),p.74- 74
JaLC DOI	
Abstract	
Notes	抄録
Genre	Technical Report
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00062898-00000037-0074

慶應義塾大学学術情報リポジトリ(KOARA)に掲載されているコンテンツの著作権は、それぞれの著作者、学会または出版社/発行者に帰属し、その権利は著作権法によって保護されています。引用にあたっては、著作権法を遵守してご利用ください。

The copyrights of content available on the Keio Associated Repository of Academic resources (KOARA) belong to the respective authors, academic societies, or publishers/issuers, and these rights are protected by the Japanese Copyright Act. When quoting the content, please follow the Japanese copyright act.

**Anionic Hetero [3,3] Rearrangements. *N*-Acylhydroxylamine-*O*-
Carbamates to α -Amino Acids : A New Method for
Introduction of Amino Groups at the
 α -Position of Carboxylic Acids***

Yasuyuki ENDO**, Shoji HIZATATE and Koichi SHUDO**

遠藤泰之**, 膝館祥治, 首藤紘一**

N-Acylhydroxylamine-*O*-carbamates rearrange under basic conditions to afford α -amino acid amide derivatives. The rearrangement, which can be rationalized in terms of [3,3] sigmatropic shifts, is applicable to α -amination of carboxylic acids.

* 本報告は *Synlett*, 1991 (9), 649—650 に発表.

** 東京大学薬学部