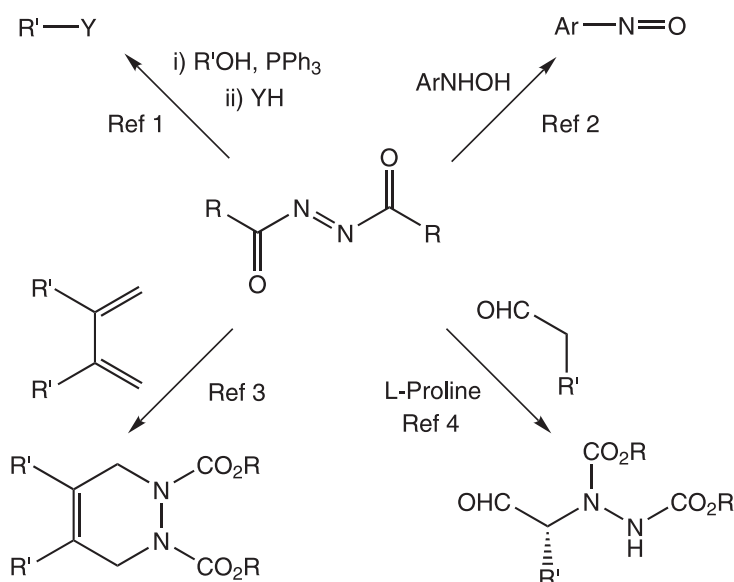


Analogues of Azodicarboxylic Acid

Alfa Aesar[®]
A Johnson Matthey Company

Alfa Aesar offers a range of analogues of azodicarboxylic acid, including Diethyl azodicarboxylate ("DEAD"), the reagent of choice for the Mitsunobu alkylation reaction with alcohols.



Applications include:

- 1) Mitsunobu reaction
- 2) Dehydrogenating agents
- 3) Aza-dienophiles in Diels-Alder & other pericyclic reactions
- 4) NH_2 + synthons for C-aminations

L19348

Diethyl azodicarboxylate, 97%

L10386

Diisopropyl azodicarboxylate, 95%

L19347

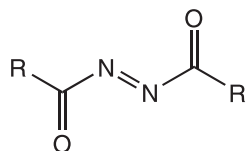
Dibenzyl azodicarboxylate, 98%

L00294

Di-tert-butyl azodicarboxylate, 98%

H27719

1,1'-(Azodicarbonyl)dipiperidine, 96+%



References:

1. D. L. Hughes, *Org. React.*, 1992, 42, 335.; 2. E. C. Taylor, F. Yoneda, *Chem. Commun.*, 1967, 199.; 3. B.T. Gillis, P. E. Beck, *J. Org. Chem.*, 1962, 27, 1947; 1963, 28, 3177.; 4. B. List, *J. Am. Chem. Soc.*, 2002, 124, 5656.

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