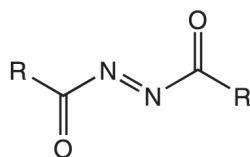
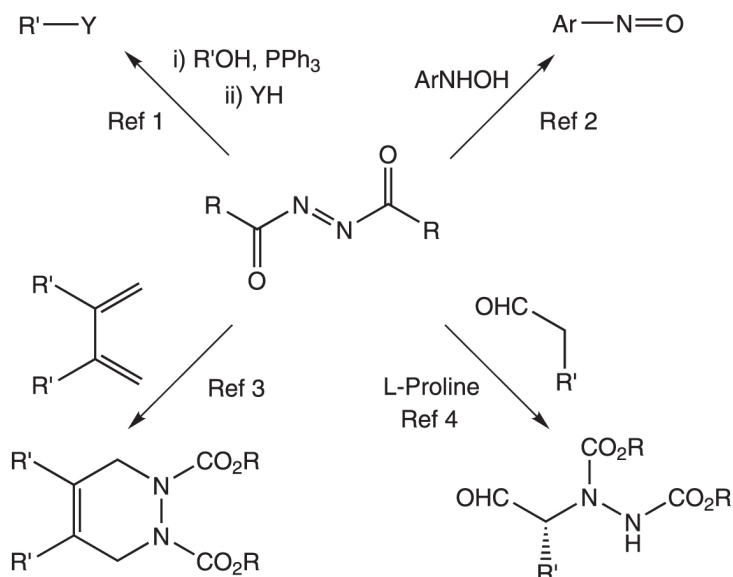


# Analogues of Azodicarboxylic Acid

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:

- Mitsunobu reaction
- Dehydrogenating agents
- Aza-dienophiles in Diels-Alder & other pericyclic reactions
- NH<sub>2</sub> + synthons for C-aminations



| Item   | CAS #      | Description                           | Sizes         |
|--------|------------|---------------------------------------|---------------|
| L19348 | 1972-28-7  | Diethyl azodicarboxylate, 97%         | 5g, 25g, 100g |
| L10386 | 2446-83-5  | Diisopropyl azodicarboxylate, 94%     | 25g, 100g     |
| L19347 | 2449-05-0  | Dibenzyl azodicarboxylate, 98%        | 25g, 100g     |
| L00294 | 870-50-8   | Di-tert-butyl azodicarboxylate, 98%   | 5g, 25g       |
| H27719 | 10465-81-3 | 1,1'-(Azodicarbonyl)dipiperidine, 97% | 5g, 25g       |

<sup>1</sup> D.L. Hughes, *Org. React.*, 1992, **42**, 335.

<sup>2</sup> E.C. Taylor, F. Yoneda, *Cehm. Commun.*, 1967, 199.

<sup>3</sup> B.T. Gillis, P.E. Beck, *J. Org. Chem.*, 1962, **27**, 1947.

<sup>4</sup> B. List, *J. Am. Chem. Soc.*, 2002, **124**, 5656.