Creative Enzymes®

# 1,1′-Carbonyldiimidazole

*Cat. No. CEGZ-6538*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | 1,1′-Carbonyldiimidazole is a 99% pure carbonyl-transfer and activation reagent containing two imidazole groups. |
| ***Applications*** | Amide bond formation Carboxylic acid activation Ester and carbonate synthesis Organic synthesis research |
| ***Synonyms*** | CDI; Carbonyldiimidazole |

## Product Information

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|---|---|
| ***CAS No.*** | 530-62-1 |
| ***Molecular Formula*** | $C_7H_6N_4O$ |
| ***Molecular Weight*** | 162.151 |
| ***Purity*** | 99% |
| ***Structure*** | Carbonyl group bonded to two imidazolyl nitrogen atoms |
| ***Composition*** | 1,1′-Carbonyldiimidazole |
| ***Function*** | Carbonyl-transfer and carboxyl-activation reagent |
| ***Grade*** | Synthesis grade |
| ***Usage*** | For laboratory research and chemical synthesis only. |