Creative Enzymes®

1,1'-Carbonyldiimidazole

Cat. No. CEGZ-6579

Lot. No. (See product label)

Introduction

Description	1,1'-Carbonyldiimidazole (CDI) is a versatile coupling reagent supplied as a white crystalline powder, widely used in organic synthesis for the formation of carbonyl-containing linkages.
Applications	Peptide coupling reagent; synthesis of amides, esters, carbamates and ureas; organic synthesis and pharmaceutical intermediate preparation.
Synonyms	N,N'-Carbonyldiimidazole; carbonyldiimidazole

Product Information

Appearance	White crystalline powder
CAS No.	530-62-1
Molecular Formula	C7H6N4O
Molecular Weight	162.15 g/mol
Melting Point	117–122 °C (lit.)
Boiling Point	394.6 °C at 760 mmHg
Density	1.39 g/cm³
Grade	Research grade

Usage and Packaging

Package	As requested

Storage and Shipping Information

Storage	Store in a tightly closed container in a cool, dry place, protected from moisture.