

## SPECIFICATION

### 1,1-Thiocarbonyldiimidazole

Parameters	Specification
CAS Number	6160-65-2
Appearance	White powder
Molecular Formula	C7H6N4S
Molecular Weight	180.23 g/mol
Boiling Point	300 °C
Melting Point	170 °C
Flash Point	190 °C
Purity	98–99%
Refractive Index	1.66
Solubility	Slightly soluble in water; soluble in DMSO, DMF, acetone
Uses	Reagent for thioamide formation and thiocarbonyl transfer; used in organic synthesis to activate carboxylic acids for thioamide coupling

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