

SPECIFICATION

4,4-Dinitrostilbene

Parameters	Specification
CAS Number	219545
Appearance	Yellow crystalline solid
Molecular Formula	$C_{14}H_{10}N_2O_4$
Molecular Weight	268.23 g/mol
Boiling Point	327 °C
Melting Point	184 °C
Flash Point	170 °C
Purity	98–99%
Refractive Index	1.66
Solubility	Slightly soluble in organic solvents (e.g., acetone, methanol), insoluble in water
Uses	Intermediary in organic synthesis, precursor for dye and polymer applications