

SPECIFICATION

Homobrassinolide

Parameters	Specification
CAS Number	74174-44-0
Appearance	White crystalline powder
Molecular Formula	C ₂₉ H ₅₀ O ₆
Molecular Weight	534.0 g/mol
Boiling Point	560 °C
Melting Point	160 °C
Flash Point	210 °C
Purity	98–99%
Refractive Index	1.503
Solubility	Soluble in acetone and methanol, insoluble in water
Uses	Plant growth regulator (brassinosteroid) used in plant biology research