

SPECIFICATION

Tembotrione

Parameters	Specification
CAS Number	335104-84-2
Appearance	Off-white to pale yellow crystalline powder
Molecular Formula	C ₁₇ H ₁₆ ClF ₃ O ₆ S
Molecular Weight	420.60 g/mol
Boiling Point	270 °C
Melting Point	98 °C
Flash Point	110 °C
Purity	95–99%
Refractive Index	1.56
Solubility	Slightly soluble in water; soluble in acetone, methanol, and dichloromethane
Uses	Herbicide for selective control of broadleaf and some grass weeds in corn