SPECIFICATION

Buprofezin

Parameters	Specification
CAS Number	69327-76-0
Appearance	White to off-white crystalline solid
Molecular Formula	C16H23N3OS
Molecular Weight	306.41 g/mol
Boiling Point	264 °C
Melting Point	78 °C
Flash Point	150 °C
Purity	98–99%
Refractive Index	1.52
Solubility	Very slightly soluble in water; 0.1 mg/L
Uses	Insecticide; chitin synthesis inhibitor used against whiteflies, planthoppers, and other pests in agriculture