

SPECIFICATION

Tacrolimus

Parameters	Specification
CAS Number	104987-11-3
Appearance	White to off-white crystalline powder
Molecular Formula	C ₄₄ H ₆₉ NO ₁₂
Molecular Weight	804.02 g/mol
Boiling Point	400 °C
Melting Point	125 °C
Flash Point	180 °C
Purity	98–99%
Refractive Index	1.52
Solubility	Very poorly soluble in water; soluble in methanol, ethanol, acetone, and DMSO
Uses	Immunosuppressant for organ transplantation; topical treatment of atopic dermatitis

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