SPECIFICATION

Dihydrocapsaicin

Parameters	Specification
CAS Number	19408-84-5
Appearance	White to off-white crystalline solid
Molecular Formula	C18H29NO3
Molecular Weight	307.42 g/mol
Boiling Point	224 °C
Melting Point	66.0 °C
Flash Point	180 °C
Purity	98–99%
Refractive Index	1.56
Solubility	Soluble in ethanol, methanol, and DMSO, sparingly soluble in water
Uses	Used as a capsaicinoid reference compound, studied for TRPV1 receptor activation, utilized in flavor and pepper alkaloid research