

Technical Data Sheet

(-)-PERILLALDEHYDE

Compound Information

Product Name:	(-)-PERILLALDEHYDE
CAS No.:	18031-40-8
Molecular Formula:	C ₁₀ H ₁₄ O
Molecular Weight:	150.22
Storage:	Store at RT
Revision Date:	2026-04-15

Analytical Information

Tests	Specifications
Appearance	Light yellow liquid
Solubility	DMF: 10mg/mL, DMF:PBS (pH 7.2) (1:1): 0.5mg/mL, DMSO: 2mg/mL; Almost insoluble in water, soluble in alcohol and oils.
Odor	Powerful fatty-spicy, oily -herbaceous odor
Density	0.967 g/mL at 20 °C(lit.)
Refractive Index	<i>n</i> _{20/D} 1.509
Heavy Metals	Negative
Specific Rotation	[α] _{D20} = -150 to -° (neat)
Purity by GC	≥ 90%
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
IR	Pass test
Raman	Pass test

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