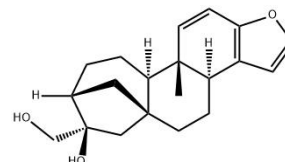


Technical Data Sheet

KAHWEOL

Compound Information

Product Name:	KAHWEOL
CAS No.:	6894-43-5
Molecular Formula:	C ₂₀ H ₂₆ O ₃
Molecular Weight:	314.42
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Kahweol inhibits adipogenesis and increase glucose uptake by AMP-activated protein kinase (AMPK) activation. Kahweol induces apoptosis.
Form	White to off-white solid.
Color	Off-white to light yellow
Solubility	DMF:5.0(Max Conc. mg/mL);0.64(Max Conc. mM) DMSO:18.17(Max Conc. mg/mL);57.77(Max Conc. mM) Ethanol:5.0(Max Conc. mg/mL);0.64(Max Conc. mM) Ethanol:PBS (pH 7.2) (1:5):0.02(Max Conc. mg/mL);0.06(Max Conc. mM)
Native Source	Natural product isolated from the unsaponifiable fraction of petroleum ether extract of coffee beansuct isolated from the
Purity (HPLC)	≥ 98%
1H NMR	Pass test

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