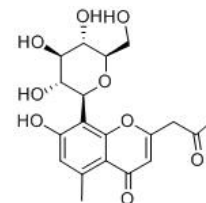


Technical Data Sheet

ALOESIN

Compound Information

Product Name:	ALOESIN
CAS No.:	30861-27-9
Molecular Formula:	C ₁₉ H ₂₂ O ₉
Molecular Weight:	394.37
Storage:	4°C, protect from light
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Aloesin (Aloeresin) is a tyrosinase inhibitor, and shows anti-inflammatory activity, ultraviolet protection, and antibacterium effects. Aloesin can induce apoptosis and be used in ovarian cancer research.
Form	Pale yellow to brown powder.
Color	White to off-white
Solubility	DMSO:122.67(Max Conc. mg/mL);311.05(Max Conc. mM) DMF:20.0(Max Conc. mg/mL);50.71(Max Conc. mM) Ethanol:10.0(Max Conc. mg/mL);25.36(Max Conc. mM) PBS (pH 7.2):5.0(Max Conc. mg/mL);12.68(Max Conc. mM)
Native Source	Aloe sp.
Purity (HPLC)	≥ 98%
1H NMR	Pass test

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