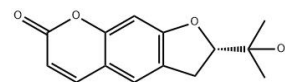


Technical Data Sheet

marmesin

Compound Information

Product Name:	marmesin
CAS No.:	13849-08-6
Molecular Formula:	C ₁₄ H ₁₄ O ₄
Molecular Weight:	246.26
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	S-(+)-Marmesin is a natural coumarin, exhibiting COX-2/5-LOX dual inhibitory activity.
Form	Solid
Solubility	Ethanol:2.0(Max Conc. mg/mL);8.12(Max Conc. mM) DMSO:50.0(Max Conc. mg/mL);203.04(Max Conc. mM)
1H NMR	Pass test

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