

Technical Data Sheet

2-AG

Compound Information

Product Name:	2-AG
CAS No.:	53847-30-6
Molecular Formula:	C ₂₃ H ₃₈ O ₄
Molecular Weight:	378.55
Storage:	Store at -80°C
Revision Date:	2026-04-27

Analytical Information

Tests	Specifications
Description	2-Arachidonyl glycerol is an endogenous cannabinoid and also an agonist at cannabinoid receptors.
IUPAC Name	(5Z,8Z,11Z,14Z)-5,8,11,14-Eicosatetraenoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester
Form	acetonitrile solution
Color	Colorless to light yellow
Solubility	DMSO: 10 mg/ml; Ethanol: Miscible; PBS (pH 7.2): ~150 µg/ml

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