

Technical Data Sheet

Cepharanthine

Compound Information

Product Name:	Cepharanthine
CAS No.:	481-49-2
Molecular Formula:	C ₃₇ H ₃₈ N ₂ O ₆
Molecular Weight:	606.71
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	Cepharanthine is a biscochlorine alkaloid inhibiting tumor necrosis factor (TNF)-α-mediated NFκB stimulation, plasma membrane lipid peroxidation and platelet aggregation and suppressing cytokine production.
Form	solid
Color	Pale yellow
Purity (UHPLC)	94.4%
Heavy Metals	≤ 20 ppm
Loss on Drying	≤ 5.0%
Solubility	DMSO 90 mg/mL
NMR	Pass test

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