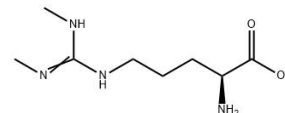


Technical Data Sheet

N,N'-Dimethylarginine

Compound Information

Product Name:	N,N'-Dimethylarginine
CAS No.:	30344-00-4
Molecular Formula:	C ₈ H ₁₈ N ₄ O ₂
Molecular Weight:	202.25
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	SDMA (Symmetric dimethylarginine) is an endogenous inhibitor of nitric oxide (NO) synthase activity. SDMA, a novel kidney biomarker, permits earlier diagnosis of kidney disease than traditional creatinine testing.
Solubility	DMSO : 50 mg/mL (247.22 mM); ultrasonic and adjust pH to 3 with 1M HCl)
1H NMR	Pass test

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