

Technical Data Sheet

Vindoline

Compound Information

Product Name:	Vindoline
CAS No.:	2182-14-1
Molecular Formula:	C ₂₅ H ₃₂ N ₂ O ₆
Molecular Weight:	456.53
Storage:	4°C, protect from light, dry, sealed
Revision Date:	2026-04-15

Analytical Information

Tests	Specifications
Description	Vindoline is a Catharanthus roseus alkaloid that has a weak inhibitory effect on the self-assembly of tubulin.
Form	White to off-white crystalline powder.
Color	White to Off-White
Purity (HPLC)	≥ 98%
Residue on Ignition	≤ 0.2%
Loss on Drying	≤ 1.0%
Solubility	DMSO ≥ 200 mg/mL
NMR	Pass test

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