

PHYSICAL PROPERTIES OF WITHAFERIN A:

Source	Withania somnifera (Ashwagandha)
Synonyms	Withaferin e
Alternative Name	5,6-Epoxy-4,27-dihydroxy-1-oxowitha-2,24-dienolide
Appearance	White to off white crystalline powder
Molecular Formula	C ₂₈ H ₃₈ O ₆
Molecular weight	470.60
CAS No.	5119-48-2
Solubility	Soluble in DMSO(20 mg/ml), Methanol(10 mg/ml) (or) 100% Ethanol
Melting point	241-245°C
λ Max	214, 335 nm (in ethanol)
Long term Storage	-20°C
Product Stability	Stable for at least one year
Solution Stability	Stock solutions are stable for up to 3 months at -20°C
MI	14:10048
RTECS	KE7288500
Purity	Two purities are available 1. >99% (For reference standard) 2. >98% (For research usage)
Warnings	Harmful, may be carcinogenic and mutagenic in animals
Handling	Protect from light

Note: Withaferin A supplied by us is for research use only. Not for human (or) drug use. Bulk quantities of API grade available ready in stock. GMP grade will be supplied upon request