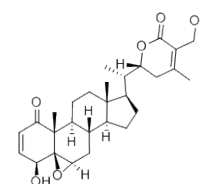




Xenon Biosciences

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SPECIFICATIONS



NAME	:	Withaferin A
LOT NO.	:	XB/21/WFA/001
MOLECULAR FORMULA	:	C ₂₈ H ₃₈ O ₆
MOLECULAR WEIGHT	:	470.61
CAS NUMBER	:	[5119-48-2]
STORAGE	:	Below 25 °C

TESTS	RESULTS
Description	: White crystalline powder
Solubility	: Soluble in chloroform and DMSO.
Identity & Purity (by Spectroscopic and Chromatography)	
Light absorption (UV absorption)	: Exhibit UV absorption between 210- 350 nm
TLC	: Gives a single spot
¹H -NMR	: Confirms to structure
¹³C-NMR	: Confirms to structure
LC-MS	: m/z 471.45 [M] ⁺
HPLC Purity (by area normalization)	: >98 %