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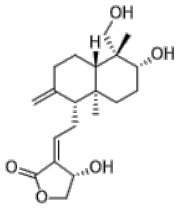
Certificate of Analysis

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Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Andrographolide
Cat. No.	:	PC-28518
CAS No.	:	5508-58-7
Batch No.	:	PC-2851801
Chemical Name	:	(S,E)-4-Hydroxy-3-(2-((1R,4aS,5R,6R,8aS)-6-hydroxy-5-(hydroxymethyl)-5,8a-dimethyl-2-methylenedecahydronaphthalen-1-yl)ethylidene)dihydrofuran-2(3H)-one

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	:	350.46	
Molecular Formula	:	$C_{20}H_{30}O_5$	
Storage	:	Powder	-20°C 12 Months
			4°C 6 Months
		In solvent	-80°C 6 Months
			-20°C 6 Months
Chemical Structure	:		

ANALYTICAL DATA

Appearance	:	Solid powder
^{1}H NMR Spectrum	:	Consistent with
HPLC	:	Consistent with
NP	:	Consistent with
Purity (HPLC and/or LCMS)	:	>98%
Conclusion	:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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