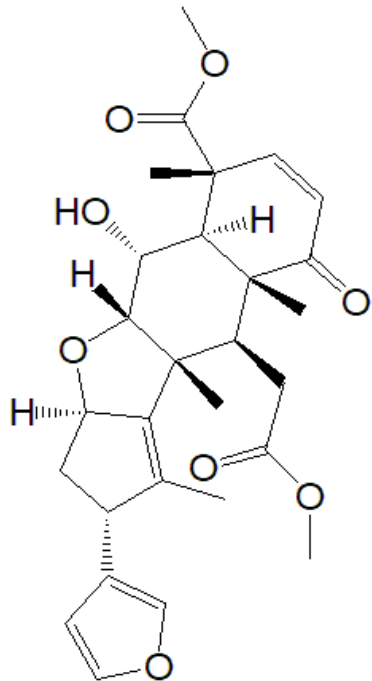


## Certificate of Analysis



<b>PRODUCT</b>	6-deacetylnimbin
<b>BATCH #</b>	PA 036-143-001
<b>ASSAY METHOD</b>	HPLC, <sup>1</sup> H-NMR
<b>REPORT DATE</b>	2019-02-15
<b>CHEMICAL NAME</b>	
<b>OTHER NAMES</b>	Deacetylnimbin; Desacetylnimbin
<b>CHEMICAL FORMULA</b>	C <sub>28</sub> H <sub>34</sub> O <sub>8</sub>
<b>MOLECULAR WEIGHT</b>	498.58
<b>CAS REG. #</b>	18309-16-0
<b>STORAGE</b>	Preferred: -20C in dark
<b>EXPIRATION DATE</b>	2021-02-16
<b>NOTES</b>	Secondary metabolite from neem.

### Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC	217 nm	>97%	99.6%
<sup>1</sup> H-NMR		Conforms	Conforms
Appearance	NA	NA	White solid

Signed: Jan Glinski, Ph.D.  
 Planta Analytica LLC  
 February 15, 2019

