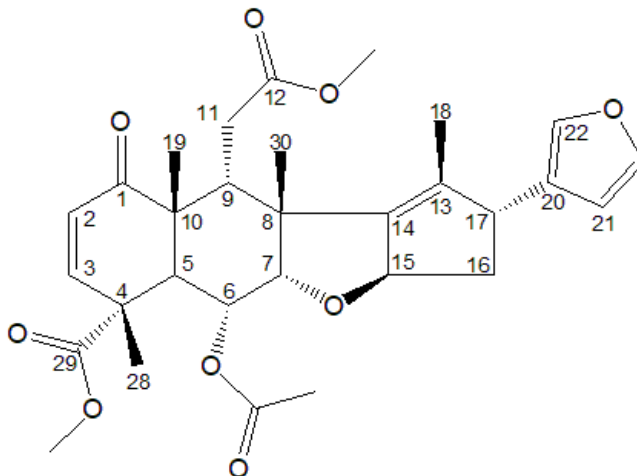


Certificate of Analysis



PRODUCT	Nimbin
BATCH #	040-150-115
ASSAY METHOD	HPLC, ¹ HNMR
REPORT DATE	2022-02-01
CHEMICAL NAME	methyl (1S,2R,3R,4R,8R,9S,10R,13R,15R)-2-acetyloxy-13-(furan-3-yl)-9-(2-methoxy-2-oxoethyl)-4,8,10,12-tetramethyl-7-oxo-16-oxatetracyclo[8.6.0.0.3,8.0.11,15]hexadeca-5,11-diene-4-carboxylate
SMILES STRUCTURE	CC1=C2C(CC1C3=COC=C3)OC4C2(C(C5(C(C4OC(=O)C)C(C=CC5=O))(C)C(=O)OC)C)CC(=O)OC)C
OTHER NAMES	
CHEMICAL FORMULA	C ₃₀ H ₃₆ O ₉
MOLECULAR WEIGHT	540.6 g/mol
CAS REG. #	5945-86-8
STORAGE	<-20 degrees C; dark
EXPIRATION DATE	2024-02-01
NOTES	

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC	217 nm	>95%	96.8%
1H-NMR		Conforms	Conforms
Residual Solvents		0.05%	
Appearance	White crystalline powder		
Adjusted Purity	96.75 %		

Signed: Jan Glinski, Ph.D.
 Planta Analytica, LLC
 2/1/2022

