

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1002	
Compound name	Ionomycin free acid	
Chemical name	(4R,6S,8S,10Z,12R,14R,16E,18R,19R,20S,21S)-11,19,21-Trihydroxy-4,6,8,12,14,18,20-heptamethyl-22-[(2S,2'R,5S,5'S)-octahydro-5'-[(1R)-1-hydroxyethyl]-2,5'-dimethyl[2,2'-bifuran]-5-yl]-9-oxo-10,16-docosadienoic	
Batch number	E1064-1-2	
Batch molecular formula	C <sub>41</sub> H <sub>72</sub> O <sub>9</sub>	
Batch molecular weight	709.01	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.9%
TLC	TLC analysis in 20% MeOH/EtOAc shows one spot	Meets specification
Physical appearance	Colourless waxy film	Meets specification
Solubility	Soluble in ethanol (10 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

02-05-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.