Certificate of Analysis

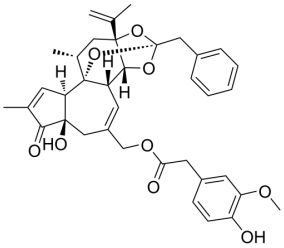
Resiniferatoxin

Cat. No.:	HY-N2333
CAS No.:	57444-62-9
Batch No.:	281908
Chemical Name:	Benzeneacetic acid, 4-hydroxy-3-methoxy-, [(2S,3aR,3bS,6aR,9aR,9bR,10R,11aR)-3a,3b,6,6a,9a,10,11,11a-octahydro-6a-hydroxy-8,10-dimethyl-11a-(1-methylethenyl)-7-oxo-2-(phenylmethyl)-7H-2,9b-epoxyazuleno[5,4-e]-1,3-benzodioxol-5-yl]methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{37}H_{40}O_9$
Molecular Weight:	**628.71**
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**99.54%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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