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## Certificate of Analysis

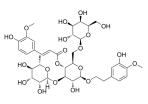
## Jionoside B1

Cat. No.:	HY-N2218	
CAS No.:	120406-37-3	
Batch No.:	248598	
Chemical Name:	$\beta$ -D-Glucopyranoside, 2-(3-hydroxy-4-methoxyphenyl)ethyl O-6-deoxy- $\alpha$ -L-mannopyranosyl-(1 $\rightarrow$	
	3)-O-[β-D-galactopyranosyl-(1→6)]-, 4-[(2E)-3-(4-hydroxy-3-methoxyphenyl)-2-propenoate]	

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>37</sub> H <sub>50</sub> O <sub>20</sub>
Molecular Weight:	814.78
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months: -20°C, 1 month (stored under nitrogen)

**Chemical Structure:** 



#### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	98.33%
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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