Certificate of Analysis

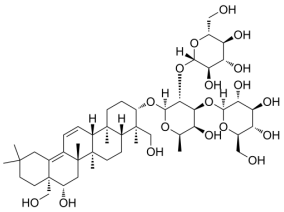
Buddlejasaponin IVb

Cat. No.:	HY-N2138
CAS No.:	152580-79-5
Batch No.:	152569
Chemical Name:	β-D-Galactopyranoside, (3β,4α,16β)-16,23,28-trihydroxyoleana-11,13(18)-dien-3-yl O-β-D-glucopyranosyl-(1→2)-O-[β-D-glucopyranosyl-(1→3)]-6-deoxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{48}H_{78}O_{18}$		
Molecular Weight:	**943.12**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to light brown (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (HPLC):	**99.54%**
Source:	***Clinopodium chinense*** (Benth.) O. Ktze.
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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