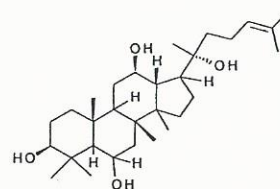


**INDOFINE Chemical Company, Inc.**

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**Certificate Of Analysis****022307****PROTOPANAXATRIOL****Lot No.: 17033101****IDENTIFICATION**

CAS number	[1453-93-6]
Chemical family	Triterpenoids
Molecular formula	C ₃₀ H ₅₂ O ₄
Molecular weight	476.74

ANALYSIS

TEST	SPECIFICATION <i>(March 2011, version 01)</i>	RESULT
Appearance	White powder	Conform
Melting point	_____	228-230°C
TLC	Silicagel Methylene chloride/methanol (95/5, V/V) p-Anisaldehyde/acetic acid/sulfuric acid, (1/40/1:V/V/V) then heating at 110°C 10 mn	Main spot
Assay (HPLC)*	≥98%	Conform

**Assay by an HPLC method*
The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.

Storage

Store at <-15°C
Place in a desiccator under vacuum before use.