



上海朗旭生物科技有限公司

Shochem (Shanghai) Co., Ltd

No.1305, Huajing Rd, East China Science & Technology Park Shanghai, China

Certificate of Analysis

PRODUCT	1,2-Dioleoyl-sn-glycero-3-phospho-rac-(1-glycerol) sodium salt (DOPG)		
CAS	67254-28-8	M.W.	797.03
BATCH No.	20200401	QUANTITY	100g
MANUFACTURE DATE:	Apr. 2020	RETEST DATE :	Apr. 2022

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>
APPEARANCE	White waxy solid	Conforms
IDENTIFICATION : NMR MS	Spectrum of sample corresponds to that Of R.S.	Comforms
WATER(by KF)	Not more than 2.0%	0.48%
PURITY	Not less than 98.0%	99.0%
CONCLUSION	It conforms to the Enterprise Standard	
RECOMMENDED STORAGE	-20℃±5℃ protect from light, moisture and air.	



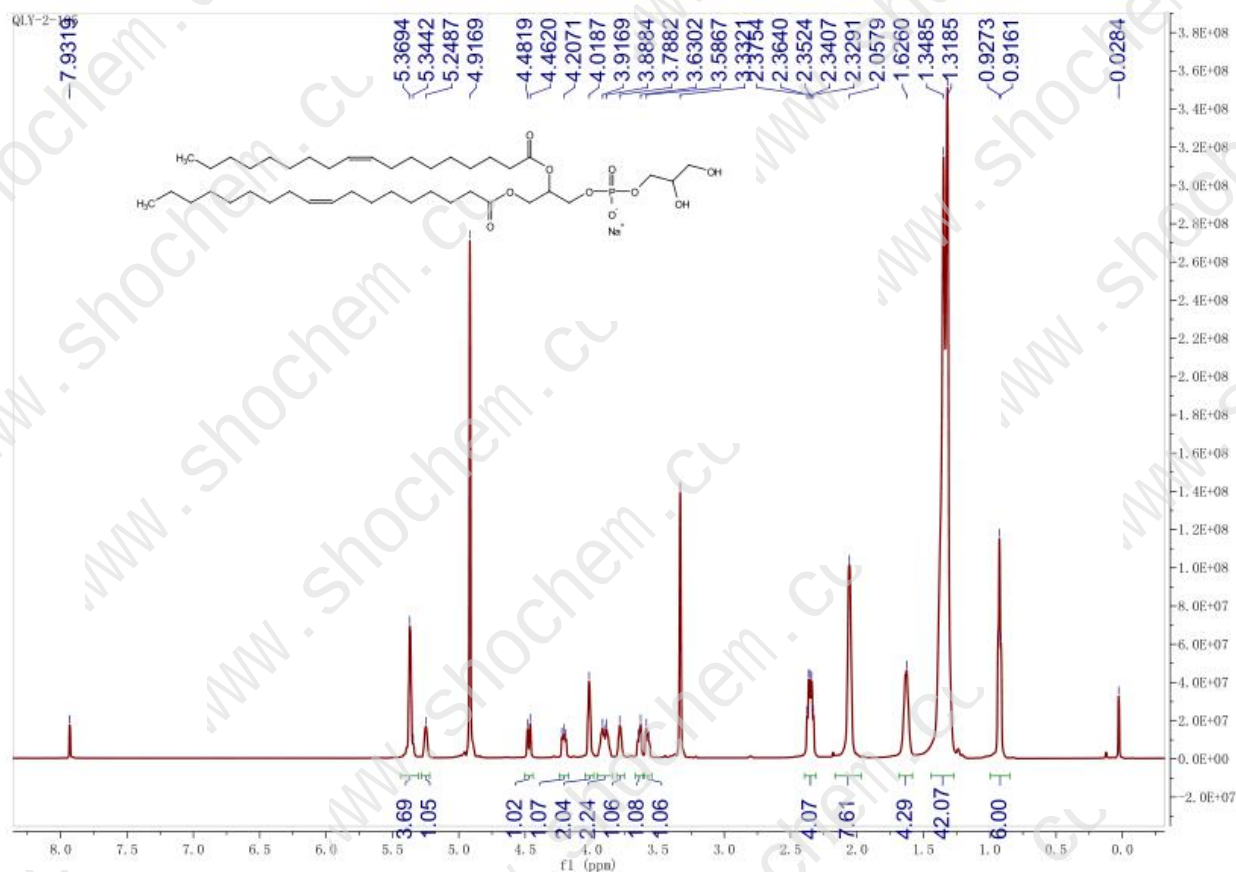


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¹H NMR





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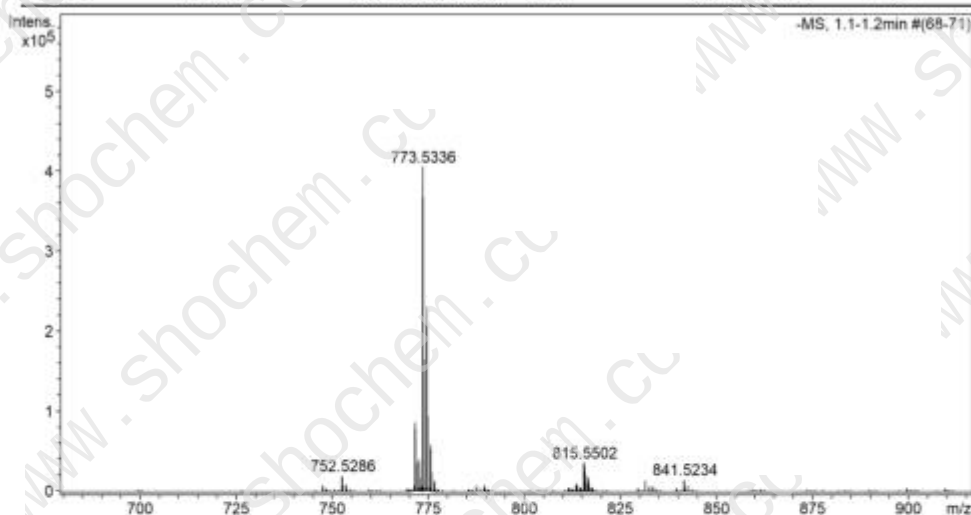
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MS

Acquisition Parameter

Source Type	ESI	Ion Polarity	Negative	Set Nebulizer	1.5 Bar
Focus	Active			Set Dry Heater	180 °C
Scan Begin	50 m/z	Set Capillary	3300 V	Set Dry Gas	4.0 l/min
Scan End	5000 m/z	Set End Plate Offset	-500 V	Set Divert Valve	Waste



Meas. m/z	#	Formula	m/z	err [ppm]	Mean err [ppm]	rdB	N-R	ej* Conf	mSig	Std. I	Std. Mean m/z	Std. VarNo	Std. m/z Diff	Std. Comb Dev
773.5336	1	C ₄₂ H ₇₈ O ₁₀ P	773.5338	0.2	-1.4	4.5	ok	even	50.24	0.0569	0.0019	0.0184	0.0031	0.6912