



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	(S)-4-Ethyl-4-hydroxy-7,8-dihydro-1H-pyrano[3,4-f]indolizine-3,6,10(4H)-trione		
CAS	110351-94-5	M.W.	263.25
BATCH No.	20200601	QUANTITY	100G

TEST

SPECIFICATION

RESULT

APPEARANCE	Off-white to yellow powder	Conforms
IDENTIFICATION : NMR LCMS	Consistent with structure	Conforms
PURITY (HPLC)	≥99%	100%
MELTING POINT	174~179℃	175~177℃
SPECIFIC ROTATION	+114° ~+126°	+120.54°
STORAGE CONDITION	Keep in dark place;isolate the air;0~5℃	
CONCLUSION	It conforms to the Enterprise Standard	

QA Manager 质量管理部

APPROVED
准予放行
Quality Assurance

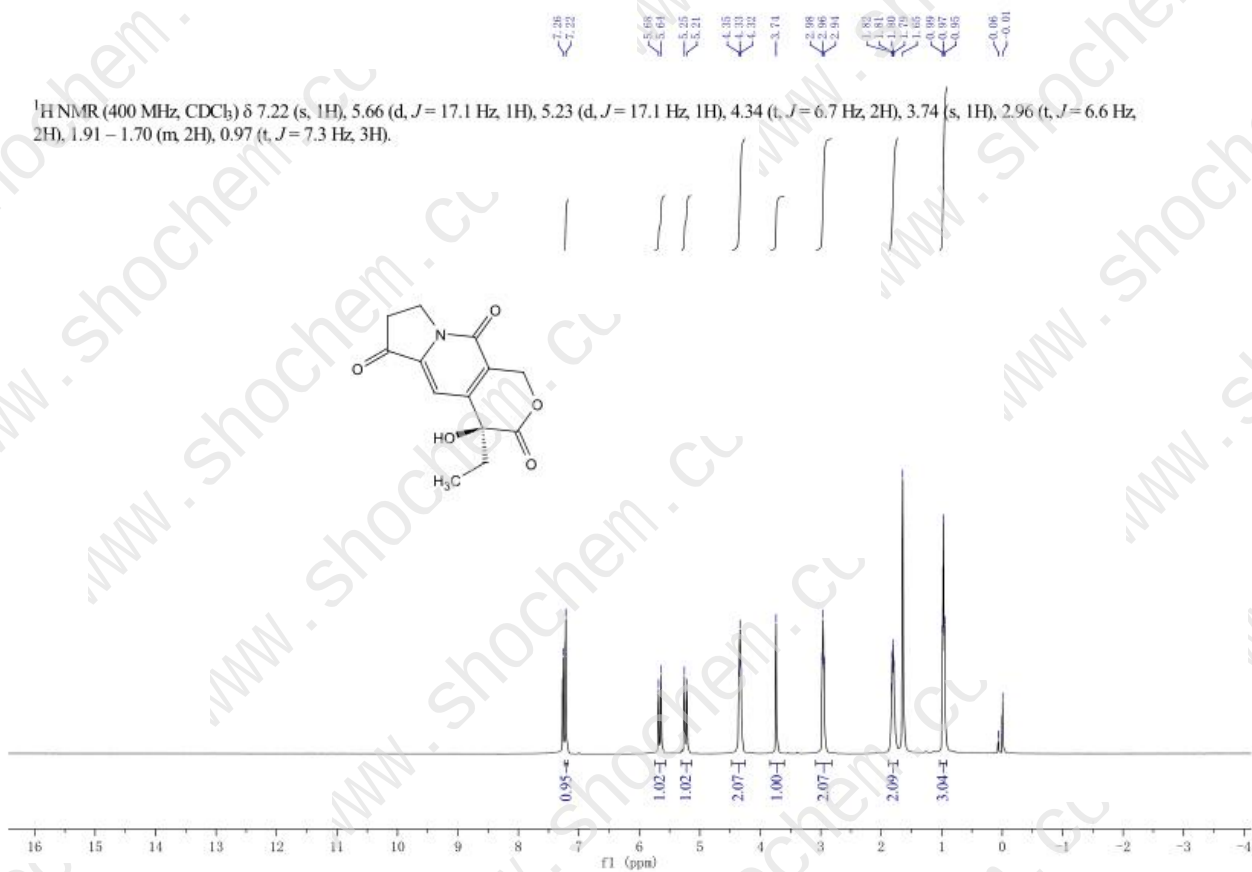


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¹H NMR



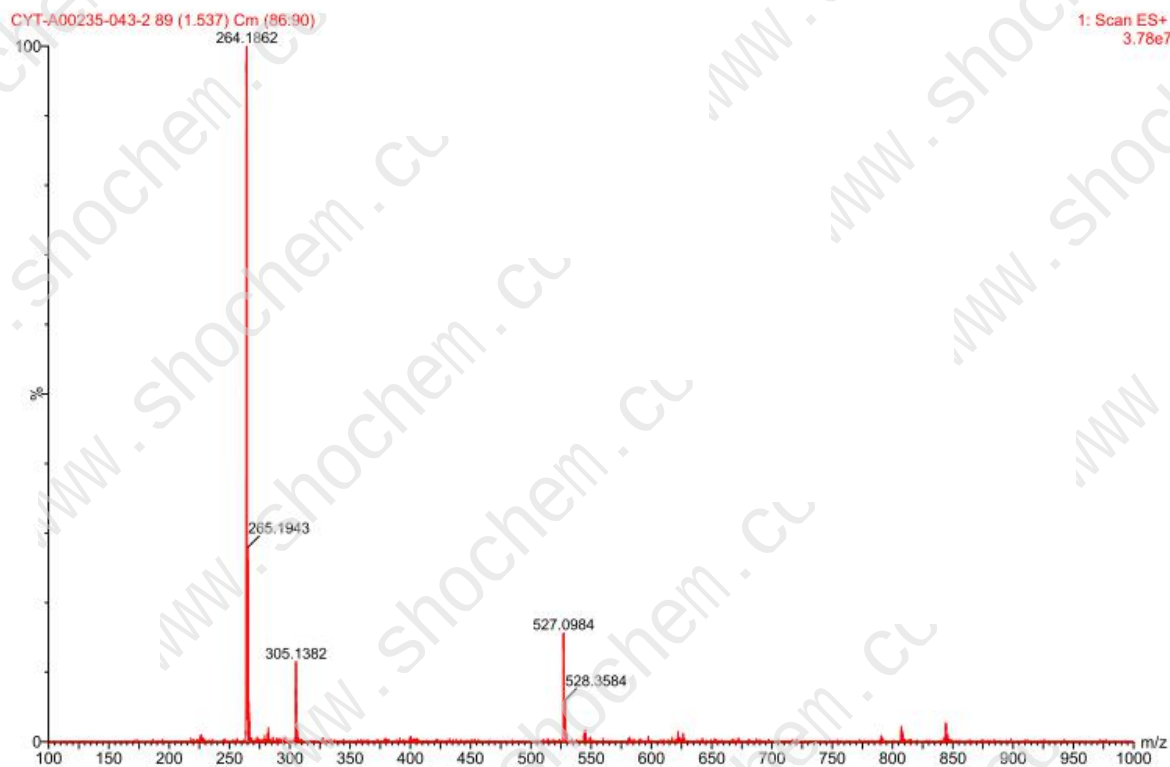


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MS



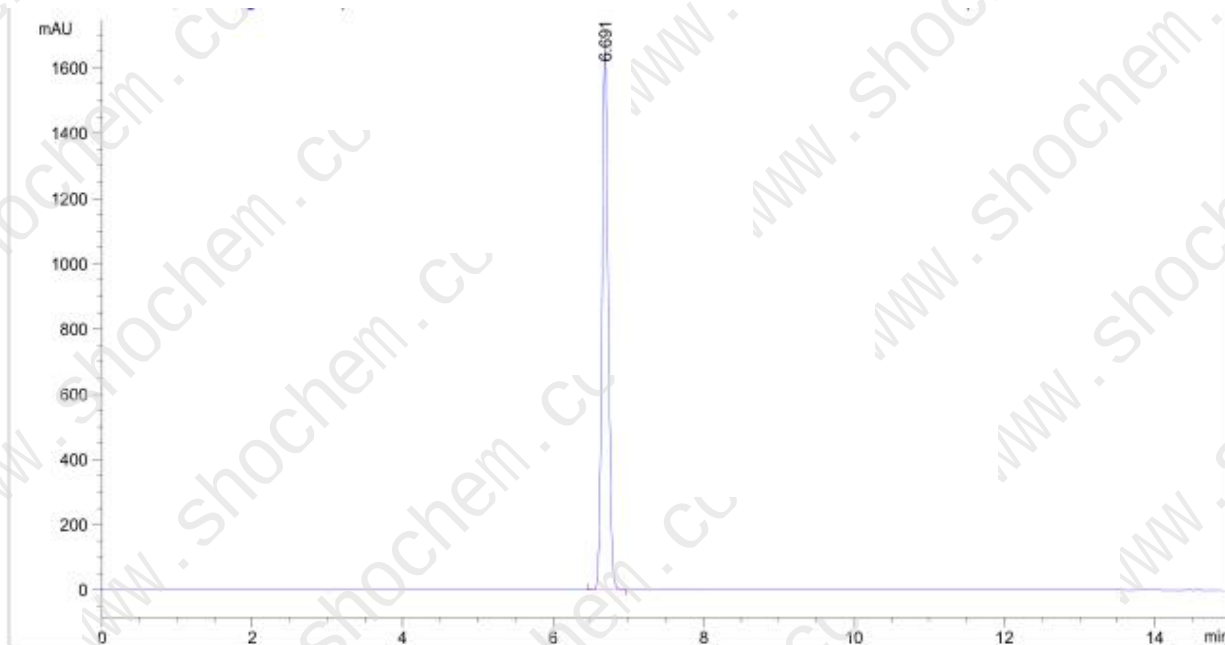


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HPLC



Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=254 nm

Peak #	RetTime [min]	Type	Width [min]	Area mAU *s	Height [mAU]	Area %
1	6.691	BV	0.0870	9502.04688	1663.98364	100.0000

Totals : 9502.04688 1663.98364