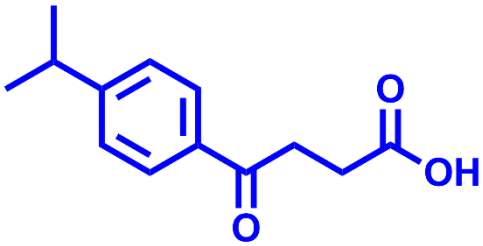
CHEMADVIN SYNTHESIS PRIVATE LIMITED
Phone: +91 81432 81308; Email: sales@chemadvin.com

Certificate of Analysis (COA)

Compound Information

Product Name	4-(4-ISOPROPYLPHENYL)-4-OXOBUTANOIC
Catalogue No.	CAD500
CAS No.	6947-81-5
Molecular Formula	$C_{13}H_{16}O_3$
Molecular Weight	220.26



Batch Information

Lot No.	BJS-6947-81-5
Date of Manufacture	29-Oct-26
Report Date	29-Oct-26
Retest Date	29-Apr-27
Storage Condition	2-8 °C
Shipment Condition	2-8 °C

Analytical Test Information

Test Items	Test Results
Physical Appearance	White Solid
Structure	Confirmed based on 1H NMR
Purity	>95% based on 1H NMR

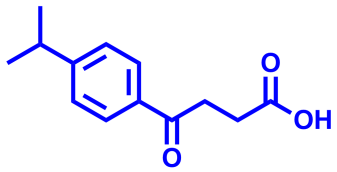


Note: For R&D only - not for drug, household or other uses!

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IDA Cherlapally, Kapra Mandal, Medchal-Malkajgiri District, Telangana-500051;
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Sample code:BJS-6947-81-5
1H NMR

VARIAN 400MHz NMR
Solvent: cdcl3
Date:Oct 29 2026



6947-81-5

Plotname: BJS-6947-81-5_PROTON_20261029_01_plot01

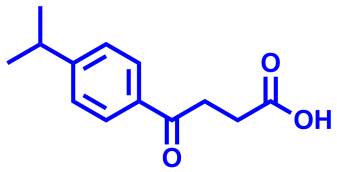
Sample code:BJS-6947-81-5

1H NMR

VARIAN 400MHz NMR

Solvent: cdcl3

Date:Oct 29 2026



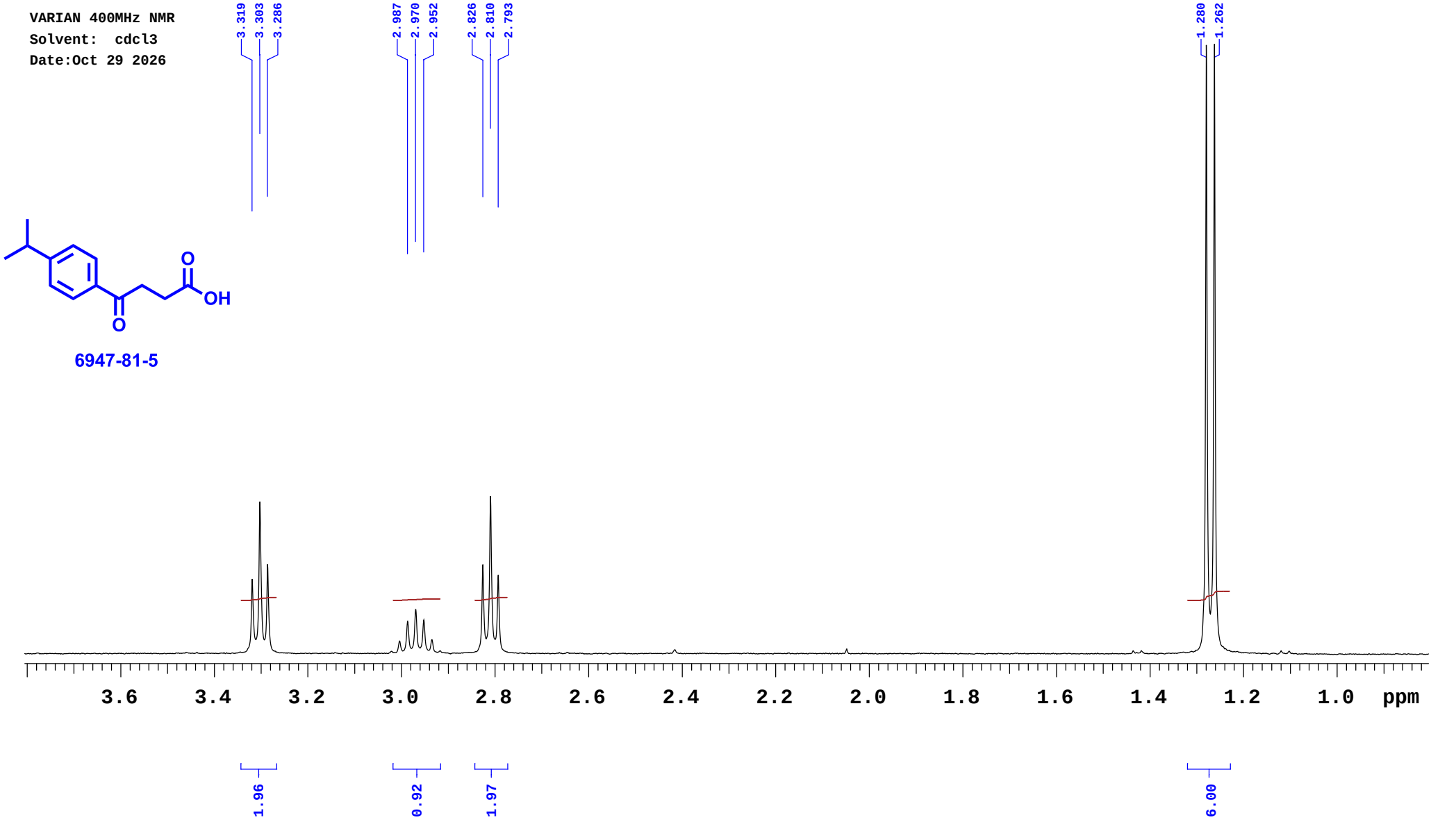
6947-81-5

Plotname: BJS-6947-81-5_PROTON_20261029_01_plot02

Sample code:BJS-6947-81-5

1H NMR

VARIAN 400MHz NMR
Solvent: cdcl3
Date:Oct 29 2026



Plotname: BJS-6947-81-5_PROTON_20261029_01_plot03

Sample code:BJS-6947-81-5

VARIAN 400MHz NMR
1H NMR
Solvent: cdcl3
Date:Oct 29 2026

INDEX	FREQUENCY	PPM	HEIGHT
1	3170.4	7.932	25.2
2	3162.0	7.912	27.3
3	2930.7	7.333	25.5
4	2922.4	7.312	24.0
5	2902.5	7.262	30.4
6	1326.6	3.319	14.1
7	1320.0	3.303	28.8
8	1313.4	3.286	16.9
9	1193.7	2.987	6.0
10	1186.9	2.970	8.3
11	1179.9	2.952	6.3
12	1129.5	2.826	16.8
13	1122.9	2.810	29.8
14	1116.3	2.793	14.8
15	511.5	1.280	115.7
16	504.5	1.262	115.9
17	0.0	0.000	51.3