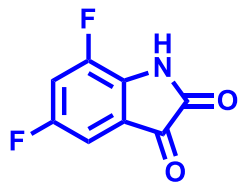
CHEMADVIN SYNTHESIS PRIVATE LIMITED
Phone: +91 81432 81308; Email: sales@chemadvin.com

Certificate of Analysis (COA)

Compound Information

Product Name	5,7-Difluoroindoline-2,3-dione
Catalogue No.	CAD378
CAS No.	116570-41-3
Molecular Formula	C8H3F2NO2
Molecular Weight	183.11



CAS 116570-41-3

Batch Information

Lot No.	AJ-207-2H-0_650GM
Date of Manufacture	26-Jul-26
Report Date	26-Jul-26
Retest Date	26-Jan-27
Storage Condition	2-8 °C
Shipment Condition	2-8 °C

Analytical Test Information

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

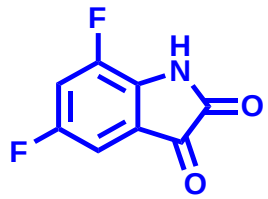


Note: For R&D only - not for drug, household or other uses!

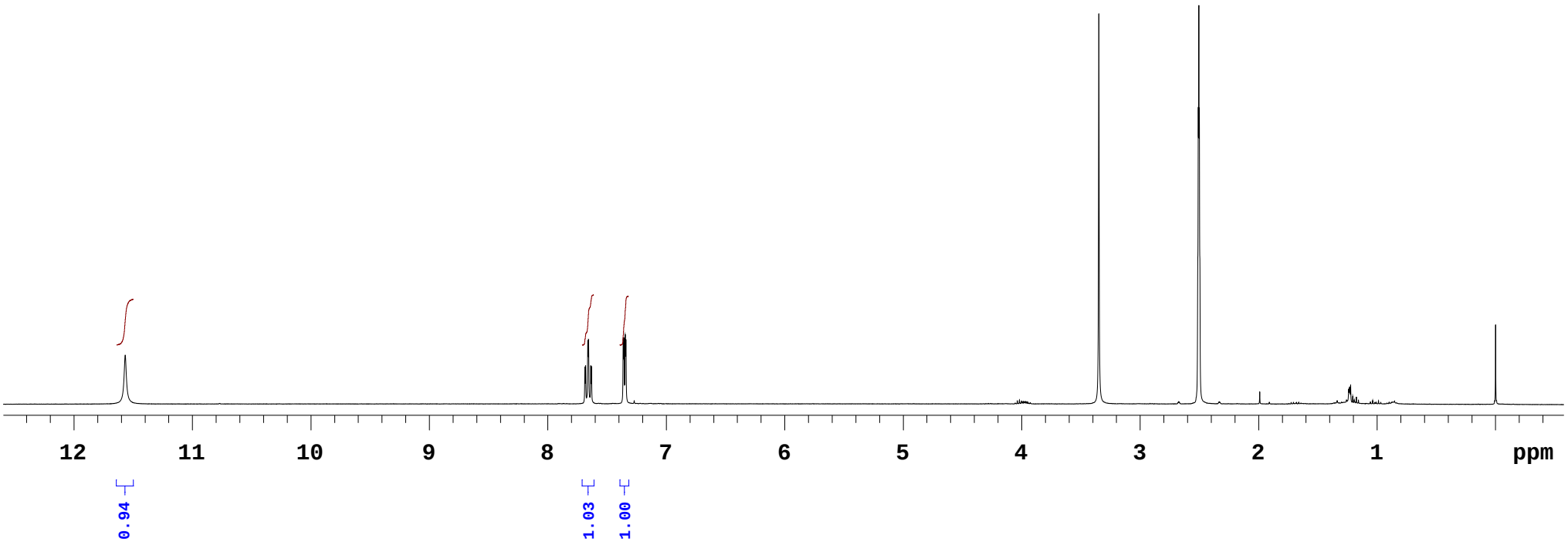
ChemAdvin Synthesis Pvt. Ltd.
First Floor, Plot No. 81, Shed No. 19, Lane 4, Phase-1,
IDA Cherlapally, Kapra Mandal, Medchal-Malkajgiri District, Telangana-500051;
Mobile: +91-81432 81308; Email: sales@chemadvin.com; Website: www.chemadvin.com

Sample code:AJ-207-2H-0_650GM

VARIAN 400MHz NMR
Solvent: dmso
Date:Jul 26 2026



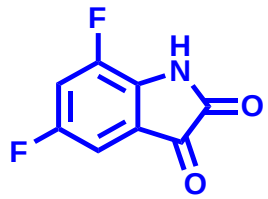
CAS 116570-41-3



Plotname: AJ-207-2H-0_650GM_PROTON_20260726_01_plot01

Sample code:AJ-207-2H-0_650GM

VARIAN 400MHz NMR
Solvent: dmso
Date:Jul 26 2026

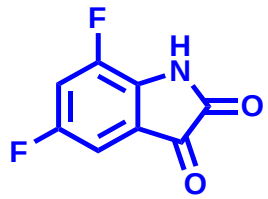


CAS 116570-41-3

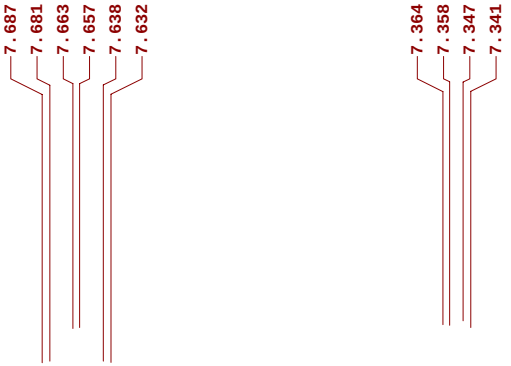
Plotname: AJ-207-2H-0_650GM_PROTON_20260726_01_plot02

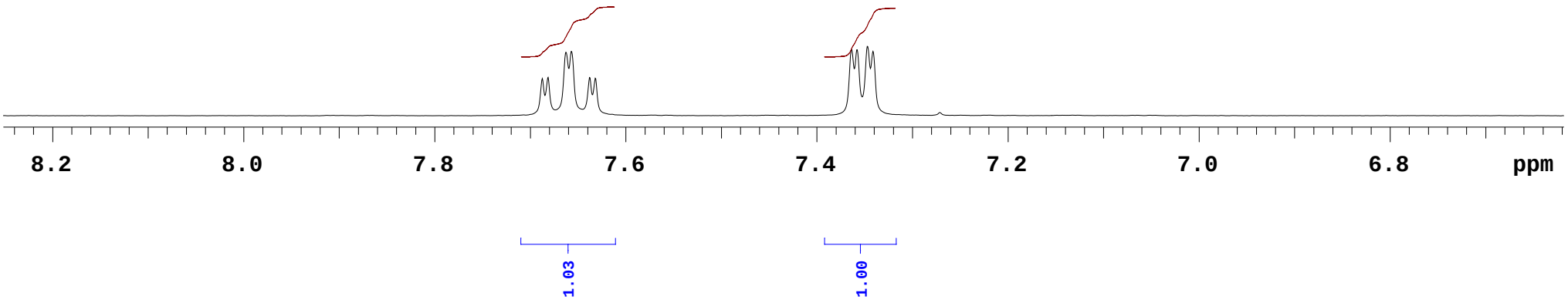
Sample code:AJ-207-2H-0_650GM

VARIAN 400MHz NMR
Solvent: dmso
Date:Jul 26 2026



CAS 116570-41-3





Plotname: AJ-207-2H-0_650GM_PROTON_20260726_01_plot03

Sample code:AJ-207-2H-0_650GM

VARIAN 400MHz NMR
Solvent: dmso
Date:Jul 26 2026

INDEX	FREQUENCY	PPM	HEIGHT
1	4623.7	11.568	8.3
2	3072.6	7.687	6.3
3	3070.2	7.681	6.5
4	3062.7	7.663	10.8
5	3060.5	7.657	11.0
6	3052.9	7.638	6.5
7	3050.4	7.632	6.3
8	2943.2	7.364	11.3
9	2941.0	7.358	11.2
10	2936.7	7.347	11.8
11	2934.2	7.341	11.0
12	1338.7	3.349	66.8
13	1003.0	2.509	50.8
14	1001.2	2.505	68.2
15	999.5	2.501	50.6
16	795.8	1.991	2.0
17	495.9	1.241	2.4
18	492.6	1.233	2.8
19	489.1	1.224	3.2
20	-0.0	-0.000	13.5