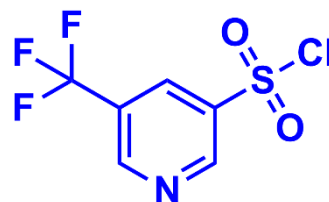


Certificate of Analysis (COA)

Compound Information

Product Name	5-(Trifluoromethyl)pyridine-3-sulfonyl chloride
Catalogue No.	CAD458
CAS No.	1060802-03-0
Molecular Formula	C ₆ H ₃ ClF ₃ NO ₂ S
Molecular Weight	245.61



Batch Information

Lot No.	AD-08-7
Date of Manufacture	16-Sep-26
Report Date	16-Sep-26
Retest Date	16-Sep-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 ¹ H NMR
Purity	>95% based on ¹ H NMR



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

ChemAdvin Synthesis Pvt. Ltd.

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Mobile: [+91-81432 81308](tel:+918143281308); Email: sales@chemadvin.com; Website: www.chemadvin.com

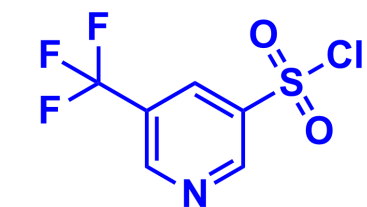
Sample code:AD-08-7

¹H NMR

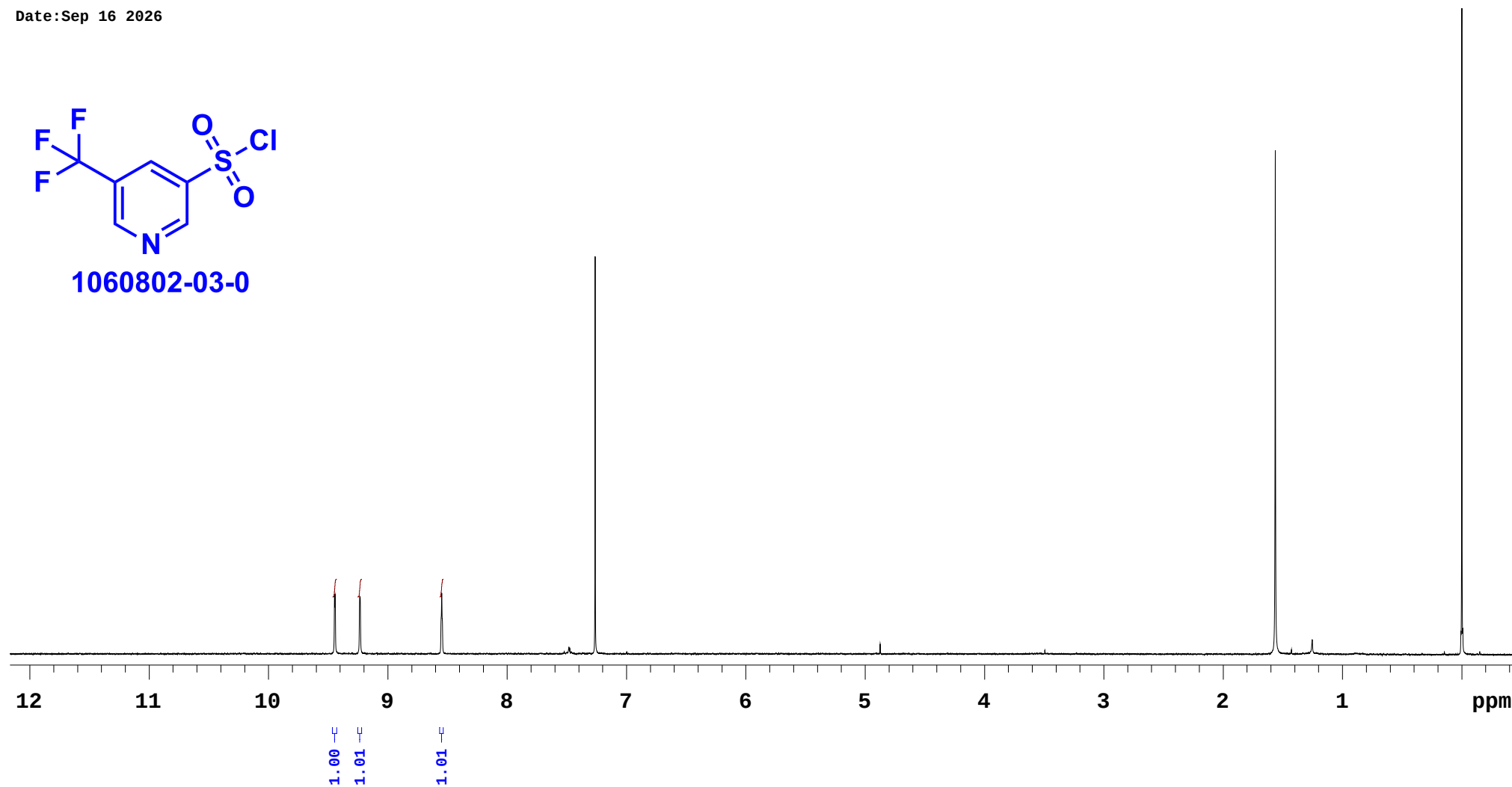
VARIAN 400MHz NMR

Solvent: CDCl₃

Date:Sep 16 2026



1060802-03-0



Plotname: AD-08-7_PROTON_20260916_01_plot01

Sample code:AD-08-7

¹H NMR

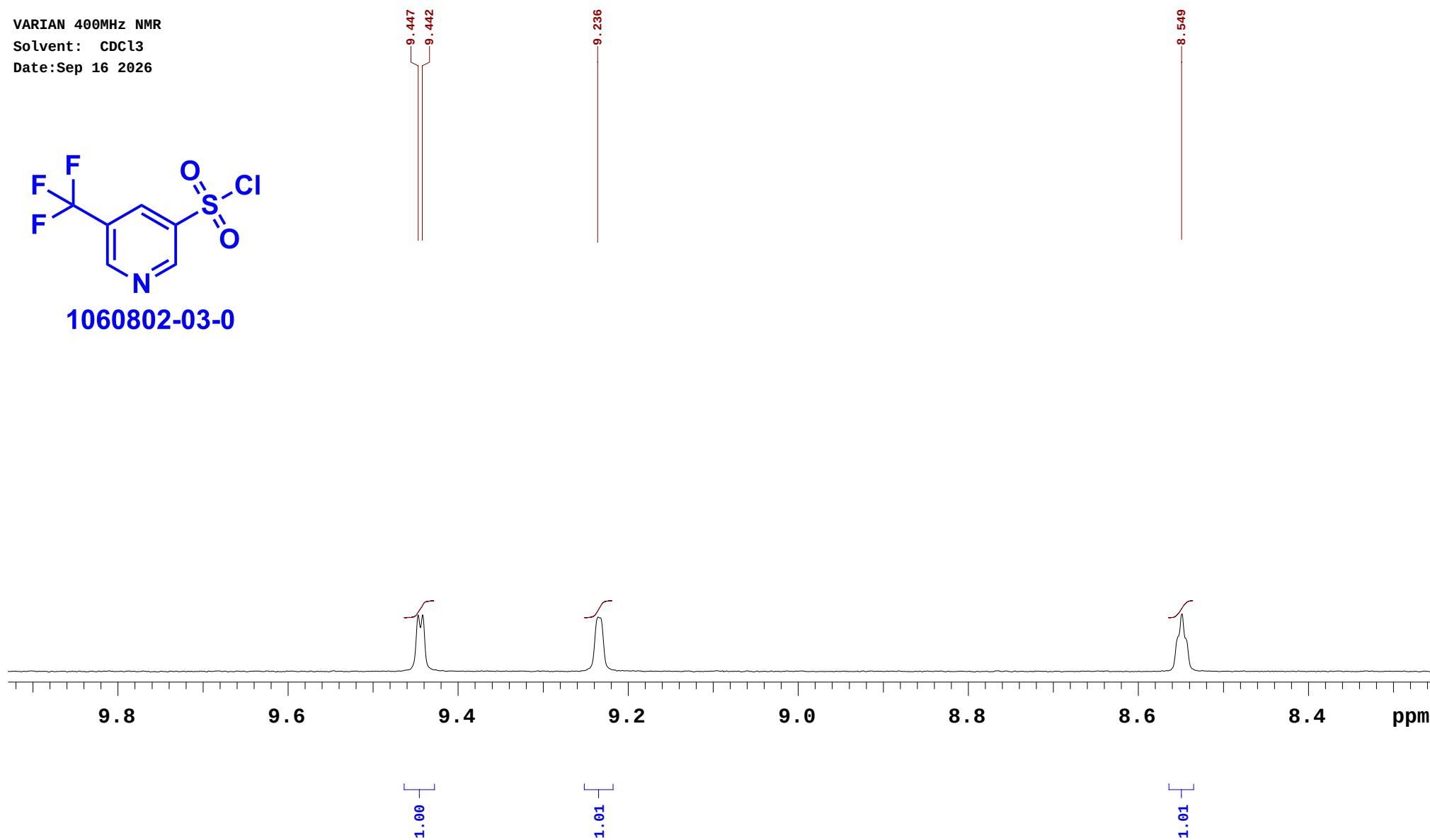
VARIAN 400MHz NMR

Solvent: CDCl₃

Date:Sep 16 2026



1060802-03-0



Plotname: AD-08-7_PROTON_20260916_01_plot02

Sample code:AD-08-7

VARIAN 400MHz NMR
SOLVENT: CDCl3
Date:Sep 16 2026

INDEX	FREQUENCY	PPM	HEIGHT
1	3775.7	9.447	10.5
2	3773.7	9.442	10.5
3	3691.3	9.236	10.1
4	3416.8	8.549	10.7
5	3006.6	7.523	0.4
6	2991.0	7.484	1.2
7	2988.0	7.476	1.0
8	2902.9	7.263	70.3
9	1948.3	4.875	1.7
10	1396.7	3.495	0.6
11	624.8	1.563	89.1
12	570.7	1.428	0.7
13	501.2	1.254	2.5
14	3.3	0.008	4.0
15	0.0	0.000	114.2
16	-3.3	-0.008	4.4