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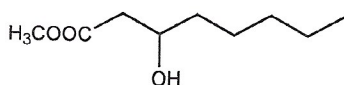
e-mail: chemical@indofinechemical.com

Methyl 3(R,S)-hydroxyoctanoate

CAS No.: 7367-87-5

Molecular formula: C₉H₁₈O₃

MW: 174.24



Amount: 55 mg

Colorless oil

Cat. no.: 24-0803

Lot No.: LX-763

Storage: in freezer

Expiry date: Dec 2025

Identity

The identity of the material is based on its mode of preparation and on the mass spectrum (attached). Prominent ions were observed at m/z 173 ($M^+ - H$), 156 ($M^+ - H_2O$), 125 ($M^+ - (H_2O + OCH_3)$), 103 ($CH_3OOC-CH_2-CH=O^+H$), and 71 ($C_5H_{11}^+$) (attached).

Purity

>99%. The purity was determined by GC-MS analysis. Column: 5% phenylmethylsiloxane (12 m, 0.33 μ m film thickness, carrier gas: helium). Column temperature: 40°C, raised at 5°C/min. Analysis was also carried out using GLC-FID and a ZB-5HT capillary column (30 m, 0.1 μ m film thickness) and the same temperature program (analyses attached).

Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

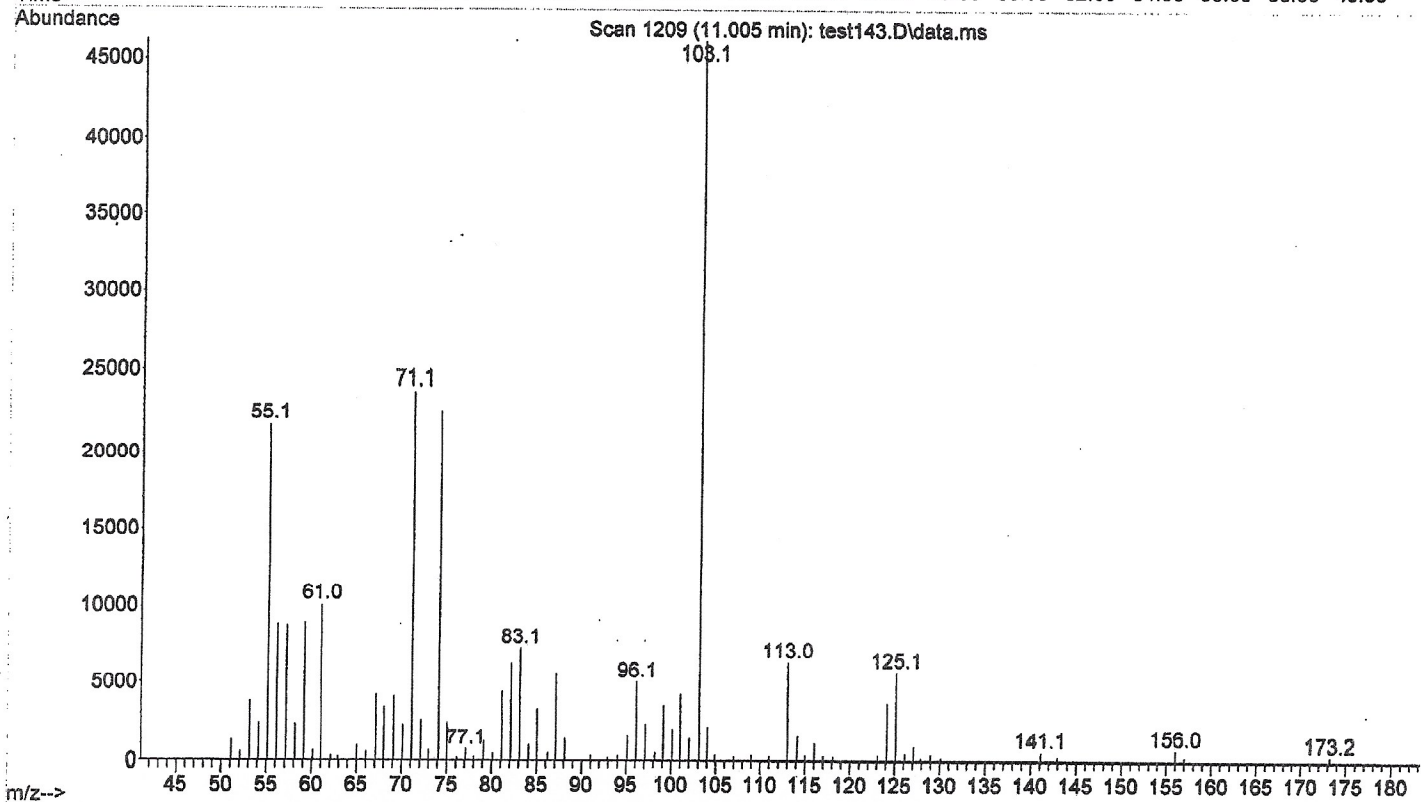
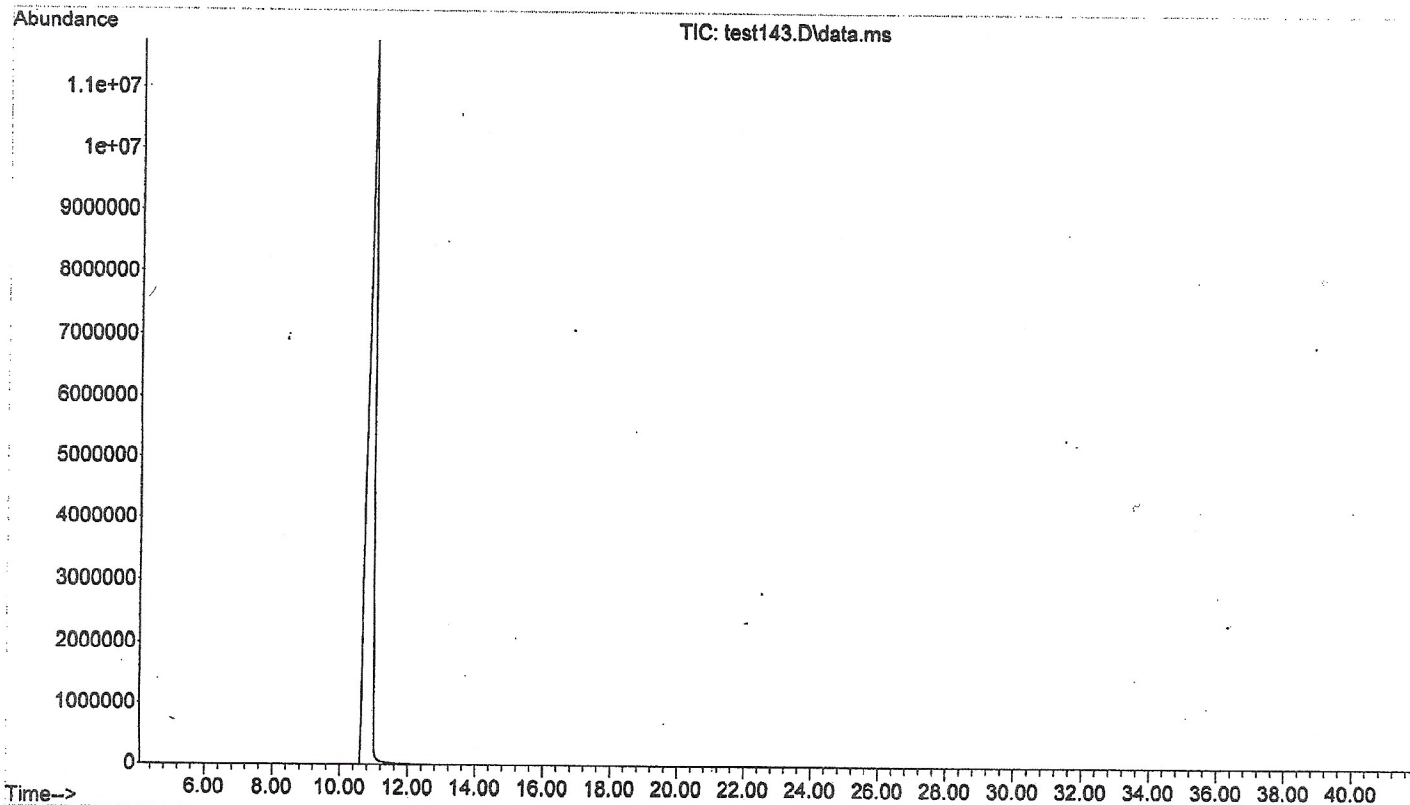
Reviewed and Approved by:

Sujata Moton

Sujata Moton

VP

File :D:\MassHunter\Data\MH5\test143.D
Operator :
Acquired : 29 Nov 2023 18:20 using AcqMethod SCAN40_5.M
Instrument : GC-MS-Kemi2_OnLine
Sample Name:
Misc Info :
Vial Number: 1



Area Percent Report

Data Path : D:\MassHunter\Data\MH5\
Data File : test143.D
Acq On : 29 Nov 2023 18:20
Operator :
Sample :
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: autoint1.e
Integrator: ChemStation

Method : D:\MassHunter\GCMS\2\METHODS\DEFAULT.M
Title :

Signal : TIC: test143.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.983	1131	1205	1273	BB	11682479	1497635270	100.00%	100.000%

Sum of corrected areas: 1497635270

DEFAULT.M Wed Nov 29 19:08:54 2023

Current Chromatogram (s)

FID1A, (MHFR.D)

