Instrument -

Condition -

Proton Assignment	Chemical Shift δ	Multipli-city	No. of Proton

Proton Assignment	Chemical Shift (δ)	Multipli-city	No. of Proton

Chemical Formula -

Total Number of Proton -

Remarks -

Conclusion -

=== SynZeal HPLC Report ===

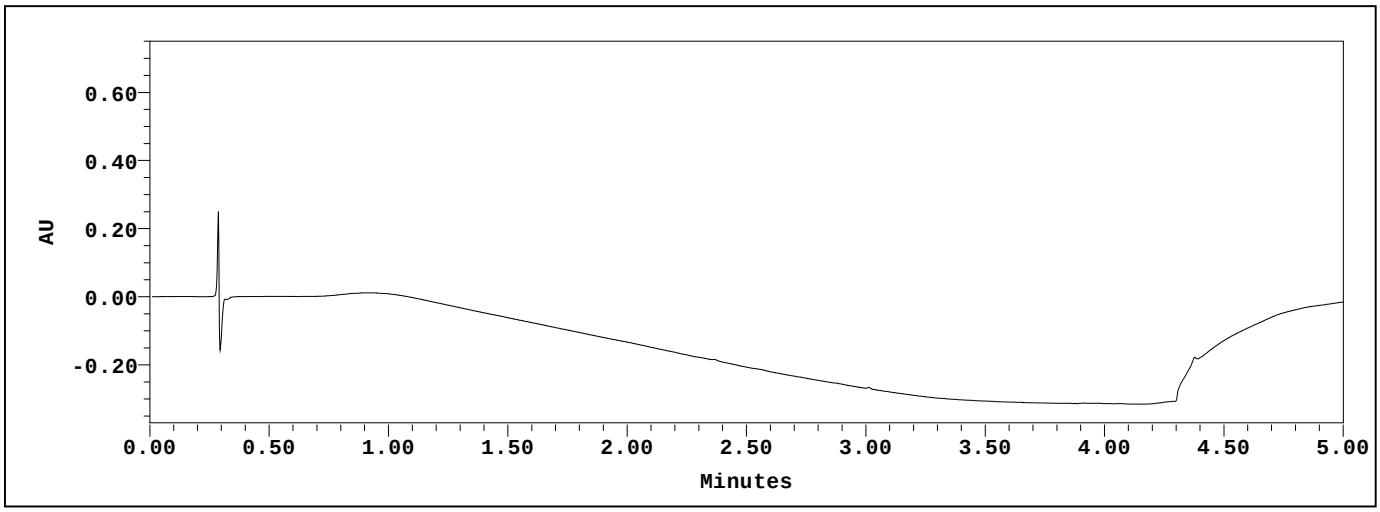
Sample Name	:	Blank	Program	:	Gradient
Sample ID	:	Diluent	Column Temp	:	40 °C
Column Name	:	Acquity UPLC BEH	Vial	:	1:A,1
Column ID	:	SRL/C18/2023/285	Injection Volume	:	0.20 ul
Column Desc.	:	50 mm * 2.1 mm; 1.7µ	Sample Conc.	:	-
Diluent	:	ACN:H2O (8:2)	Flow Rate	:	0.5 mL/min
Mobile Phase_A	:	0.1 % TFA in water			
Mobile Phase_B	:	ACN:H2O (90:10)			
Method Name	:	SZ_UPLC_RA_AKIRA_01			

Gradient :
=> T(min)/%B 0.01-2.5/10-100 -> 2.5-3.5/100 -> 3.5-3.6/100-10 -> 3.6-5.0/10

Sample Set Name : 2023_02_02_UPLC_02
Date Acquired : 02-02-2023 14:09:44 IST
Date Processed : 02-02-2023 14:44:23 IST
Acquired By : Aswini_Jadhav

Chromatogram

Blank



Channel Name 210.0nm

Results

	Retention Time (min)	Area (µV*sec)	Height (µV)	% Area
1				
Sum				

=== SynZeal HPLC Report ===

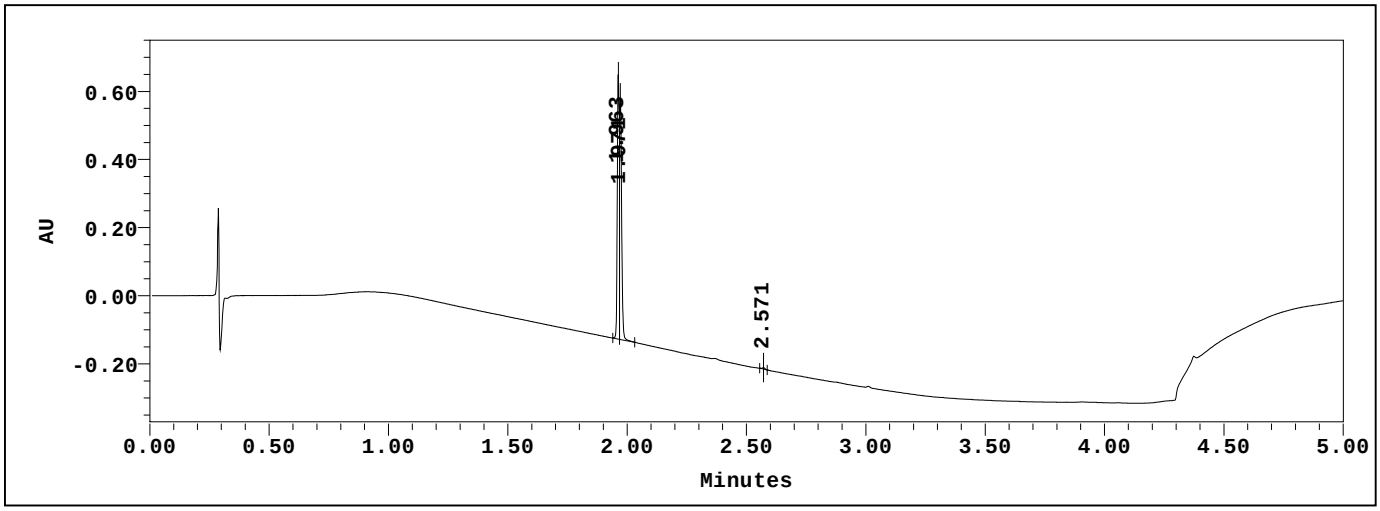
Sample Name	:	SRL-1109-370	Program	:	Gradient
Sample ID	:	Ranolazine	Column Temp	:	40 °C
Column Name	:	Acquity UPLC BEH	Vial	:	2:A,2
Column ID	:	SRL/C18/2023/285	Injection Volume	:	0.20 ul
Column Desc.	:	50 mm * 2.1 mm; 1.7µ	Sample Conc.	:	500 ppm
Diluent	:	ACN:H2O (8:2)	Flow Rate	:	0.5 mL/min
Mobile Phase_A	:	0.1 % TFA in water			
Mobile Phase_B	:	ACN:H2O (90:10)			
Method Name	:	SZ_UPLC_RA_AKIRA_01			

Gradient :
=> T(min)/%B 0.01-2.5/10-100 -> 2.5-3.5/100 -> 3.5-3.6/100-10 -> 3.6-5.0/10

Sample Set Name : 2023_02_02_UPLC_02
Date Acquired : 02-02-2023 14:32:03 IST
Date Processed : 02-02-2023 14:44:58 IST
Acquired By : Aswini_Jadhav

Chromatogram

SRL-1109-370



Channel Name 210.0nm

Results

	Retention Time (min)	Area (µV*sec)	Height (µV)	% Area
1	1.963	423122	779623	49.49
2	1.971	428597	709350	50.13
3	2.571	3247	4405	0.38

	Retention Time (min)	Area (µV*sec)	Height (µV)	% Area
Sum				100.0

Instrument -

Method -

Sr. No.	M/Z	Fragments

Conclusion -

Instrument - Shimadzu LCMS-2020(APCI)

Method - 1.5 kV Ionization Voltage; vaporization temperature: 350 °C, direct inlet

Sr. No.	M/Z	Fragments
1	608	M+1

Conclusion - The signals of the mass spectrum and their interpretation are consistent with the structural formula.

=== SynZeal HPLC Report ===

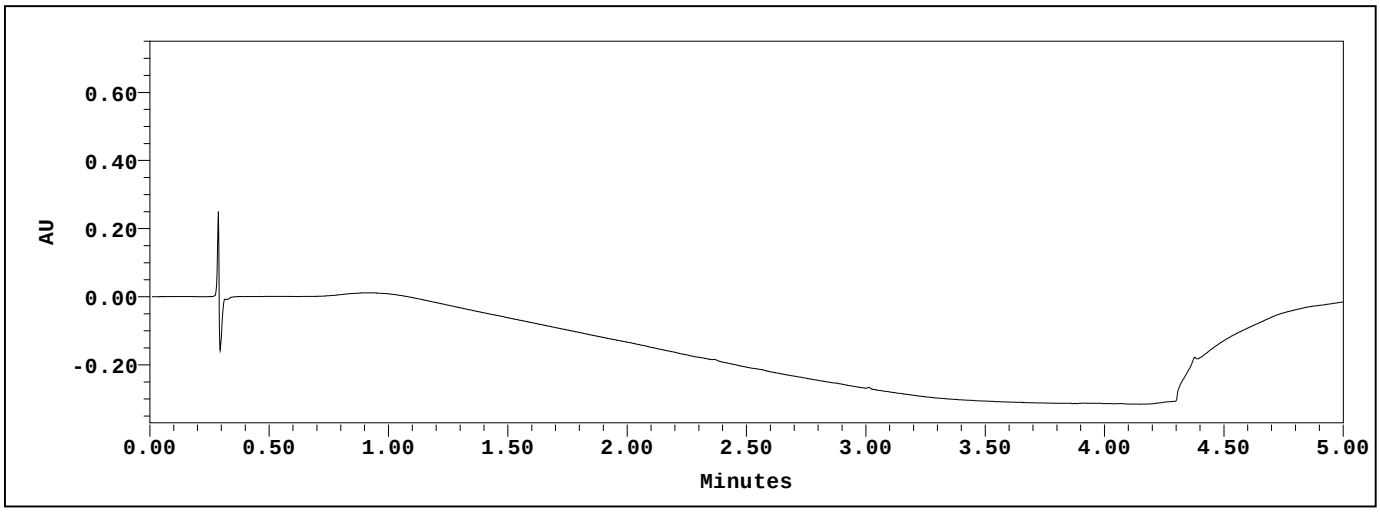
Sample Name	:	Blank	Program	:	Gradient
Sample ID	:	Diluent	Column Temp	:	40 °C
Column Name	:	Acquity UPLC BEH	Vial	:	1:A,1
Column ID	:	SRL/C18/2023/285	Injection Volume	:	0.20 ul
Column Desc.	:	50 mm * 2.1 mm; 1.7µ	Sample Conc.	:	-
Diluent	:	ACN:H2O (8:2)	Flow Rate	:	0.5 mL/min
Mobile Phase_A	:	0.1 % TFA in water			
Mobile Phase_B	:	ACN:H2O (90:10)			
Method Name	:	SZ_UPLC_RA_AKIRA_01			

Gradient :
=> T(min)/%B 0.01-2.5/10-100 -> 2.5-3.5/100 -> 3.5-3.6/100-10 -> 3.6-5.0/10

Sample Set Name : 2023_02_02_UPLC_02
Date Acquired : 02-02-2023 14:09:44 IST
Date Processed : 02-02-2023 14:44:23 IST
Acquired By : Aswini_Jadhav

Chromatogram

Blank



Channel Name 210.0nm

Results

	Retention Time (min)	Area (µV*sec)	Height (µV)	% Area
1				
Sum				

=== SynZeal HPLC Report ===

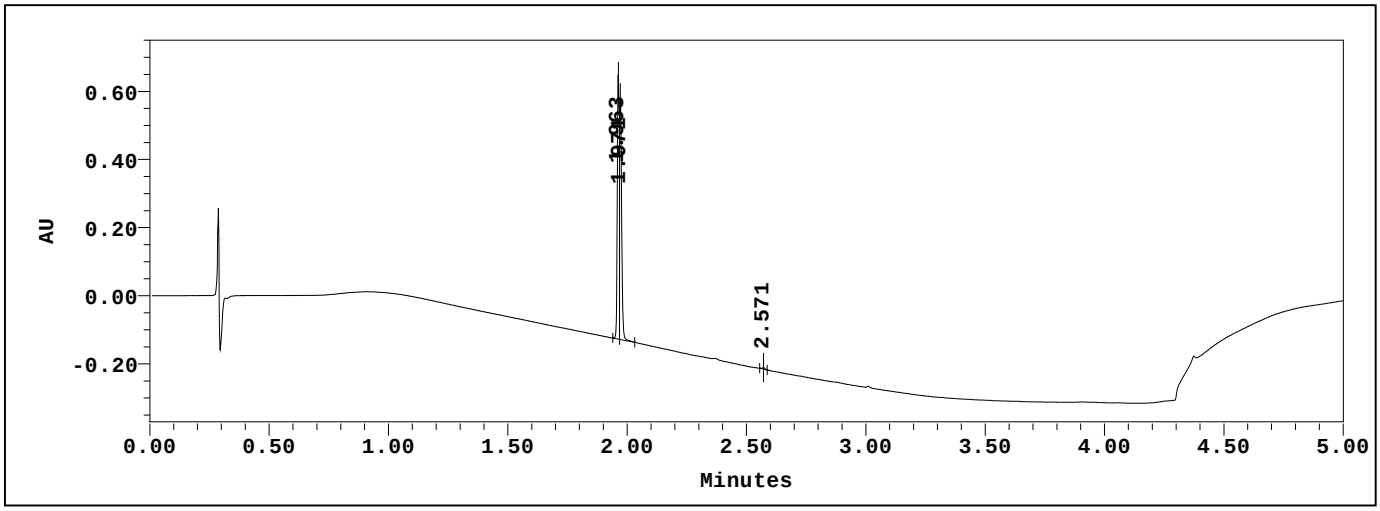
Sample Name	:	SRL-1109-370	Program	:	Gradient
Sample ID	:	Ranolazine	Column Temp	:	40 °C
Column Name	:	Acquity UPLC BEH	Vial	:	2:A,2
Column ID	:	SRL/C18/2023/285	Injection Volume	:	0.20 ul
Column Desc.	:	50 mm * 2.1 mm; 1.7µ	Sample Conc.	:	500 ppm
Diluent	:	ACN:H2O (8:2)	Flow Rate	:	0.5 mL/min
Mobile Phase_A	:	0.1 % TFA in water			
Mobile Phase_B	:	ACN:H2O (90:10)			
Method Name	:	SZ_UPLC_RA_AKIRA_01			

Gradient :
=> T(min)/%B 0.01-2.5/10-100 -> 2.5-3.5/100 -> 3.5-3.6/100-10 -> 3.6-5.0/10

Sample Set Name : 2023_02_02_UPLC_02
Date Acquired : 02-02-2023 14:32:03 IST
Date Processed : 02-02-2023 14:44:58 IST
Acquired By : Aswini_Jadhav

Chromatogram

SRL-1109-370



Channel Name 210.0nm

Results

	Retention Time (min)	Area (µV*sec)	Height (µV)	% Area
1	1.963	423122	779623	49.49
2	1.971	428597	709350	50.13
3	2.571	3247	4405	0.38

	Retention Time (min)	Area (µV*sec)	Height (µV)	% Area
Sum				100.0

SRL-1109-370

SZ-RA-TGA-TA-WLT
SynZeal Research Pvt Ltd
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TGA55,03-02-23 16:34:49
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Platinum HT
-