

Certificate of Analysis

Posaconazole bistriazole analog

Product Number	PSR42104	CAS No.	-
Brand	PureSynth	Lot No.	P42104SK1023
Molecular Formula	C ₃₉ H ₄₄ FN ₁₁ O ₄	Date of Mfg.	Oct.2023
Molecular Weight	749.84 g/mol	Date of Exp.	Sep.2027

Test	Specification	Result
Description	Pale brown Solid	Pale brown Solid
Assay (HPLC)	≥ 98.0 %	98.07 %
Identification by ¹ H NMR	Conforms to structure	Conforms
Identification by MS	Conforms to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms

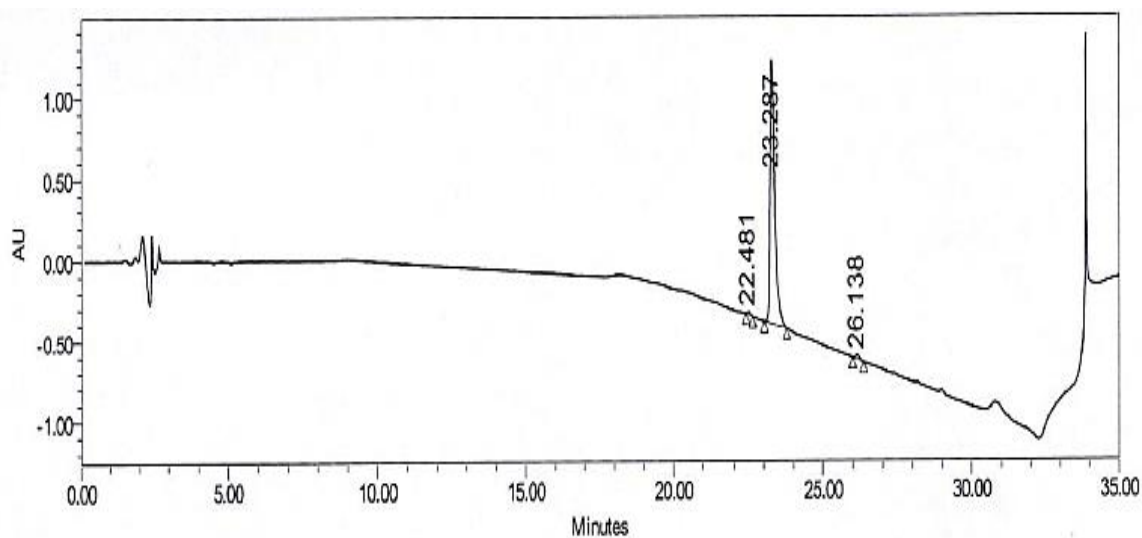
Storage Condition: Store at a temperature of 2-8°C and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com

Assay by HPLC



	RT	Area	% Area	Height
1	22.481	134081	0.76	17895
2	23.287	17244188	98.07	1647982
3	26.138	205291	1.17	25453

Purity by HPLC: 98.07 %

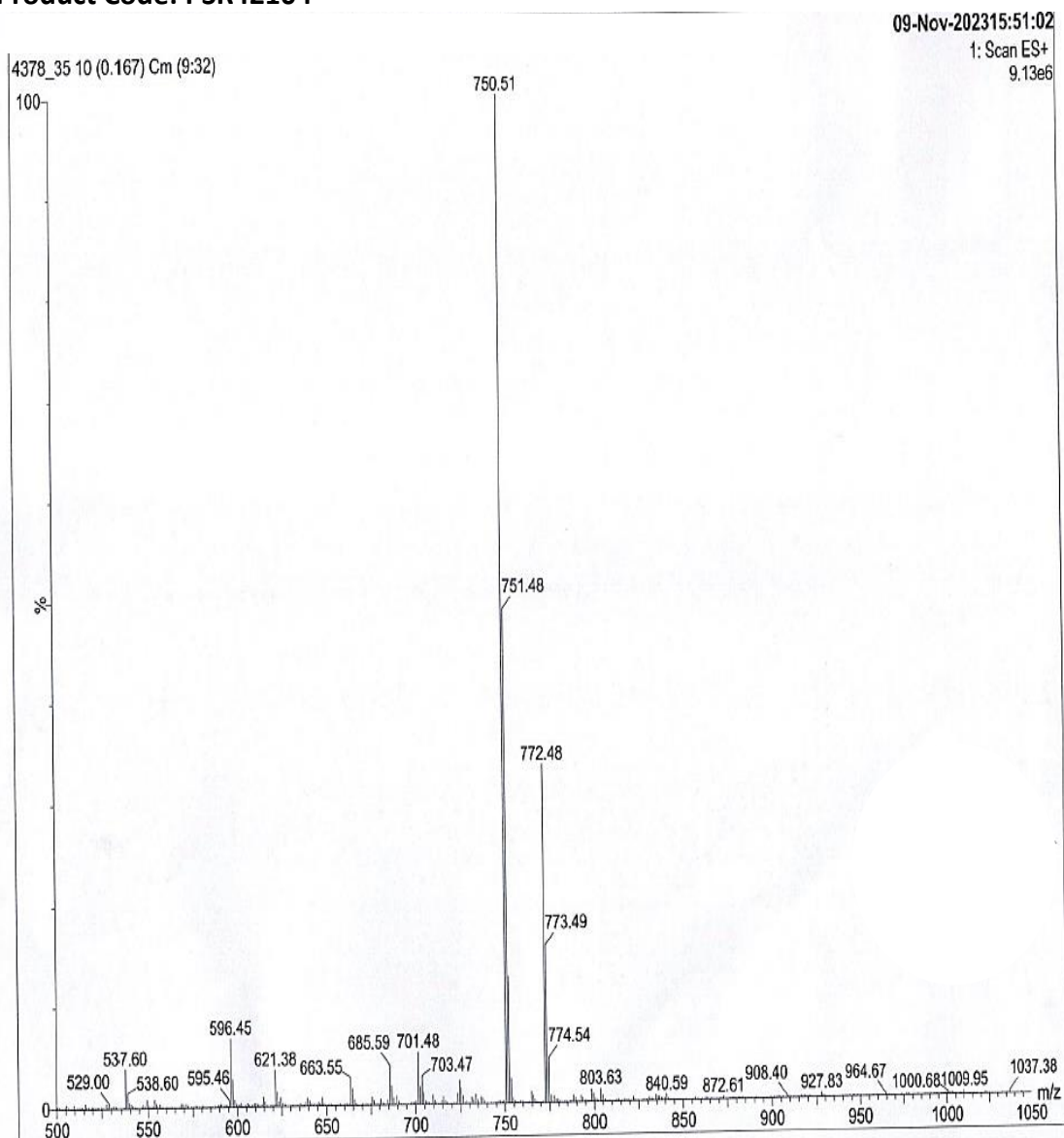
IDENTIFICATION TESTS

MS Spectrum:

Mass by MS:

Product Name: Posaconazole bistriazole analog

Product Code: PSR42104



Identification by MS: Conforms to molecular mass

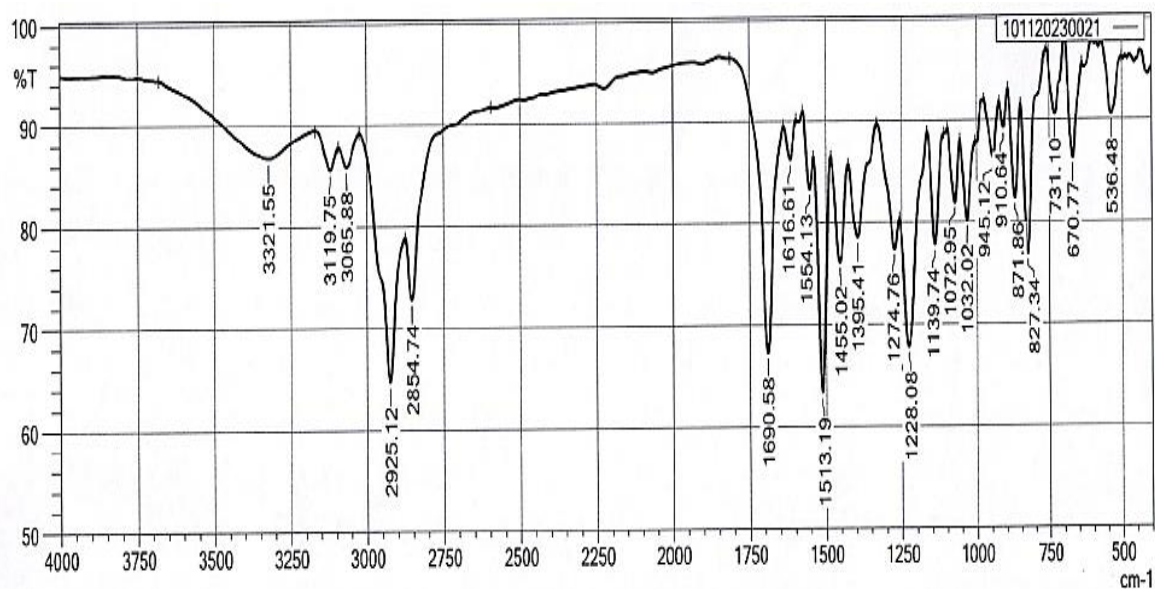
This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com

Infrared spectrum:

Product Name: Posaconazole bistriazole analog

Product Code: PSR42104

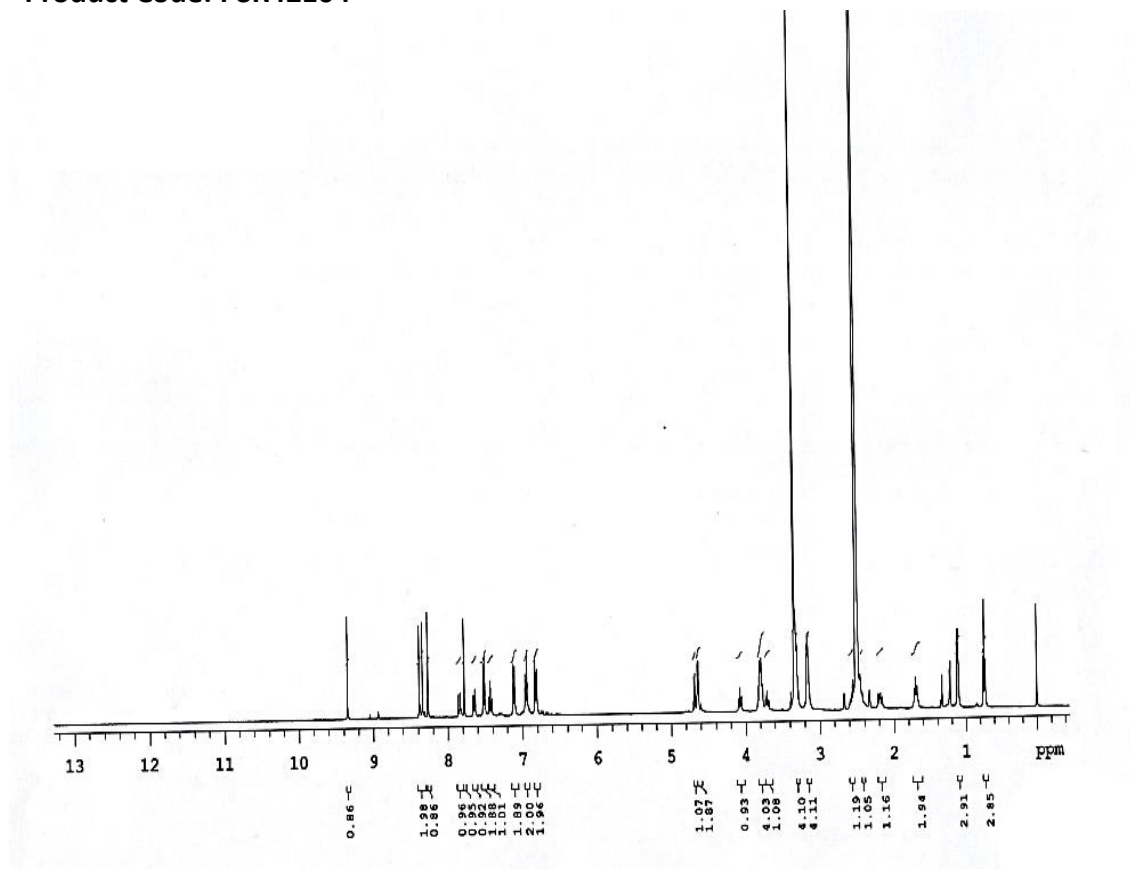


Identification by IR: Conforms to structure

¹H NMR Spectrum:

Product Name: Posaconazole bistriazole analog

Product Code: PSR42104



Identification by ¹H NMR: Confirms to structure

Approved By
Head - Technical

This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com