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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

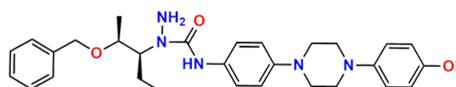
Re-test Date: Aug 2028

**Product Name: Posaconazole Impurity 7**

### Identification:

Chemical Name: 1-((2S,3S)-2-(benzyloxy)pentan-3-yl)-N-(4-(4-(4-hydroxyphenyl)piperazin-1-yl)phenyl)hydrazine-1-carboxamide

Synonyms : NA  
CAS Number : 345217-02-9  
CAT Number : CP-P24040  
Molecular Formula : C<sub>29</sub>H<sub>37</sub>N<sub>5</sub>O<sub>3</sub>  
Molecular Weight : 503.65  
Batch Number : CP-POS-7-0925  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.48%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	6.137%
9)	Potency by TGA	89.62%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.