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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Posaconazole Diastereoisomer 1

Identification:

Chemical Name: 4-(4-(4-(4-(((3R,5R)-5-((1H-1,2,4-triazol-1-yl)methyl)-5-(2,4-difluorophenyl)tetrahydrofuran-3-yl)methoxy)phenyl)piperazin-1-yl)phenyl)-1-((2R,3R)-2-hydroxypentan-3-yl)-1H-1,2,4-triazol-5(4H)-one

Synonyms : Posaconazole Diastereoisomer 8
(R,R,R,R)

CAS Number : 170985-61-2

CAT Number : CP-P24005

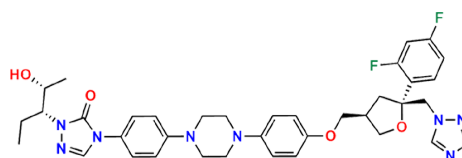
Molecular Formula : C₃₇H₄₂F₂N₈O₄

Molecular Weight : 700.79

Batch Number : CP-POS-DIA1-0325

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	Grey Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.09 %
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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