

CERTIFICATE OF ANALYSIS

(Certificate No. KMD004010-01)

Release Date: 26/09/2025

Re-test Date: 25/09/2028

Deferasirox Impurity D

Identification

Chemical Name :

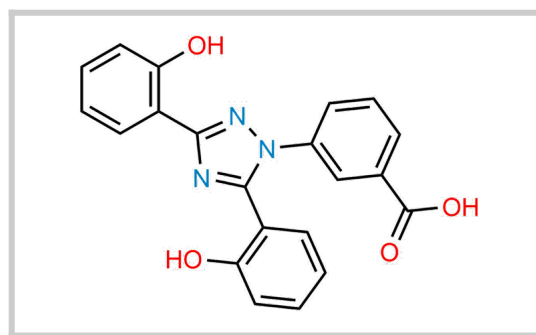
3-[3,5-bis(2-hydroxyphenyl)-1H-1,2,4-triazol-1-yl]benzoic acid (as per EP)

CAT No. : KMD004010

CAS No. : 2254105-61-6

Molecular Formula : C₂₁H₁₅N₃O₄

Molecular Weight : 373.4



Analytical Information

Batch No. : DEF-IMP-D-011-181

Description : Off White Solid

HPLC Purity : 99.49

Weight Loss By TGA : 0.17 %

% Potency : 99.32 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.17(Weight Loss By TGA)] x [99.49(HPLC Purity)]/100 = 99.32 %
-Re-tested on 26.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/10/2025

Attachments : COA, HPLC, MASS, ¹H NMR, ¹³C NMR IR and TGA