CERTIFICATE OF ANALYSIS

(Certificate No. KMD004010-01)

Release Date: 26/09/2025 **Re-test Date:** 25/09/2028

Deferasirox Impurity D

Identification

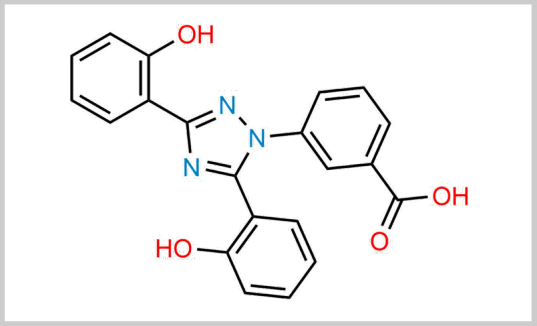
Chemical Name :
3-[3,5-bis(2-hydroxyphenyl)-1H-1,2,4-triazol-1-yl]benzoic acid (as per EP)

CAT No. : KMD004010

CAS No. : 2254105-61-6

Molecular Formula : C21H15N3O4

Molecular Weight : 373.4



Analytical Information

Batch No.	: DEF-IMP-D-011-181	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.49	**IR**	: Confirm
Weight Loss By TGA	: 0.17 %	**1H NMR**	: Confirm
% Potency	: 99.32 %	**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, 1HNMR, 13CNMR IR and TGA