

CERTIFICATE OF ANALYSIS

(Certificate No. KMO008007-01)

Release Date: 28/11/2024

Re-test Date: 27/11/2027

Oxaprozin Imidazole Analog

Identification

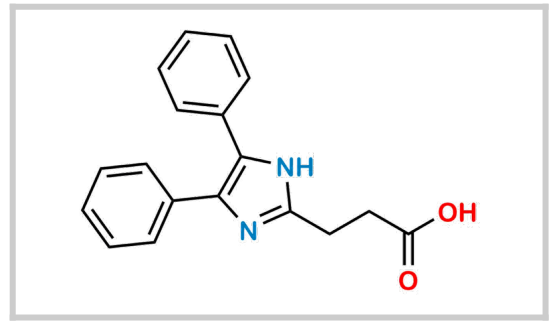
Chemical Name :
4,5-Diphenylimidazole-2-propionic acid

CAT No. : KMO008007

CAS No. : 55217-15-7

Molecular Formula : C₁₈H₁₆N₂O₂

Molecular Weight : 292.3



Analytical Information

Batch No. : IMI-019-243

Description : Off White Solid

HPLC Purity : 98.78 %

Weight Loss By TGA : 2.96 %

% Potency : 95.86 %

Solubility : Methanol : Water (9:1)

Mass : Confirm

IR : Confirm

¹H 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 - 2.96(Weight Loss By TGA)] x [98.78(HPLC Purity)]/100 = 95.86 %
-Re-tested on 28.11.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		29/11/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA