

# CERTIFICATE OF ANALYSIS

(Certificate No. KMO008007-01)

Release Date: 28/11/2024

Re-test Date: 27/11/2027

## Oxaprozin Imidazole Analog

### Identification

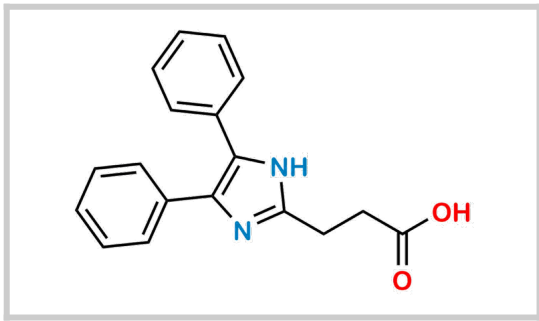
**Chemical Name :**  
4,5-Diphenylimidazole-2-propionic acid

**CAT No.** : KMO008007

**CAS No.** : 55217-15-7

**Molecular Formula** : C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>

**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

**<sup>1</sup>H 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		29/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/03/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA