

CERTIFICATE OF ANALYSIS

(Certificate No. KMO008005-01)

Release Date: 05/12/2024

Re-test Date: 04/12/2027

Oxaprozin Bisoxazole Analog

Identification

Chemical Name :

1,2-Bis(4,5-diphenyloxazol-2-yl)ethane

Alt. Name

: Bioxazole

CAT No.

: KMO008005

CAS No.

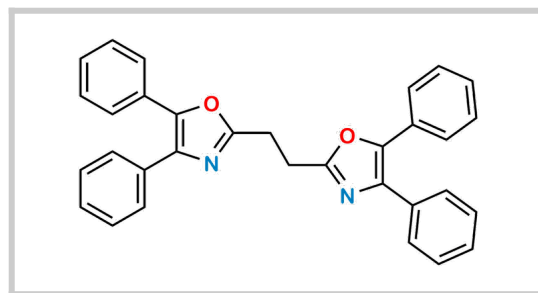
: 2806364-75-8

Molecular Formula

: C32H24N2O2

Molecular Weight

: 468.6



Analytical Information

Batch No.

: O008005-091-060

Solubility

: THF : MDC (1:1)

Description

: Off White Solid

Mass

: Confirm

HPLC Purity

: 97.47 %

IR

: Confirm

Weight Loss By TGA

: 0.11 %

1H NMR

: Confirm

% Potency

: 97.36 %

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 = $[100 - 0.11(\text{Weight Loss By TGA})] \times [97.47(\text{HPLC Purity})]/100 = 97.36 \%$

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, 1HNMR, IR and TGA