CERTIFICATE OF ANALYSIS

(Certificate No. KMR002099-01)

Release Date: 02/06/2025 **Re-test Date:** 01/06/2028

RXD-2 UREA

Identification

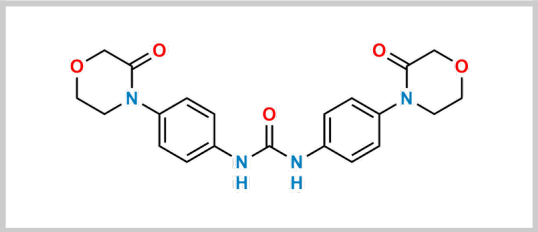
Chemical Name :
1,3-Bis(4-(3-oxomorpholino)phenyl)urea

CAT No. : KMR002099

CAS No. : 1855920-51-2

Molecular Formula : C21H22N4O5

Molecular Weight : 410.4



Analytical Information

Batch No. : R002099-102-055

Description : Off White Solid

HPLC Purity : 93.22

Weight Loss By TGA : 1.06 %

% Potency : 92.23 %

Solubility : *Refer in Additional information

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 - 1.06(Weight Loss By TGA)] x [93.22(HPLC Purity)]/100 = 92.23 %
*Solubility: Insoluble in Water and Methanol, Freely Soluble 5 mg/1 ml DMSO

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/06/2025

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