# CERTIFICATE OF ANALYSIS

(Certificate No. KMR008018-01)

**Release Date:** 14/02/2026 **Re-test Date:** 13/02/2029

## RALOXIFENE IMPURITY A

## Identification

**Chemical Name** :
(6-Hydroxy-2-(4-hydroxyphenyl)benzo[b]thiophene-3,7-diyl)bis((4-(2-(piperidin-1-yl)ethoxy)phenyl)methanone ;

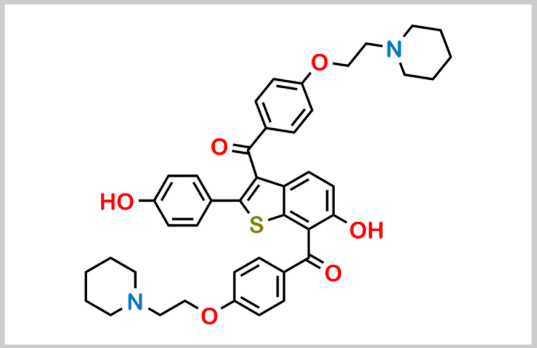
**Alt. Name** : Raloxifene Diketone

**CAT No.** : KMR008018

**CAS No.** : 1159977-58-8

**Molecular Formula** : C42H44N2O6S

**Molecular Weight** : 704.9




## Analytical Information

**Batch No.** : SL-VSR-188-172

**Description** : Yellow Solid

**HPLC Purity** : 98.82 %

**Weight Loss By TGA** : 0.69 %

**% Potency** : 98.14 %

**Solubility** : Acetonitrile : Water (1:1)

**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 - 0.69(Weight Loss By TGA)] x [98.82(HPLC Purity)]/100 = 98.14 %
-Re-tested on 14.02.2026

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 14/02/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 14/02/2026 |

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