CERTIFICATE OF ANALYSIS

(Certificate No. KMB011004-01)

Release Date: 18/09/2025 **Re-test Date:** 17/09/2028

Keto Diethyl Ester Impurity of Bempedoic Acid

Identification

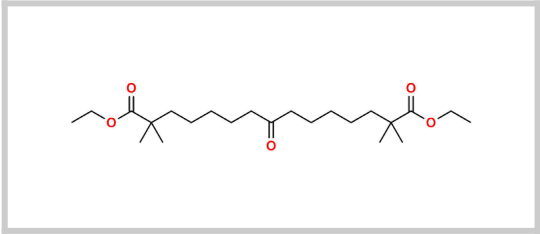
Chemical Name :
Diethyl 2,2,14,14-tetramethyl-8-oxopentadecanedioate

CAT No. : KMB011004

CAS No. : 738606-43-4

Molecular Formula : C23H42O5

Molecular Weight : 398.6



Analytical Information

Batch No. : BEM-KETO-045-008

Description : Colorless Liquid

HPLC Purity : 94.00 %

Weight Loss By TGA : 0.79 %

% Potency : 93.26 %

Solubility : Acetonitrile

Mass : Confirm as water adduct

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 - 0.79(Weight Loss By TGA)] x [94.00(HPLC Purity)]/100 = 93.26 %
-Re-tested on 18.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		22/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		22/09/2025

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