

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB011004-01)

Release Date: 13/01/2023

Re-test Date: 12/01/2026

## Keto Diethyl Ester Impurity of Bempedoic Acid

### Identification

**Chemical Name :**

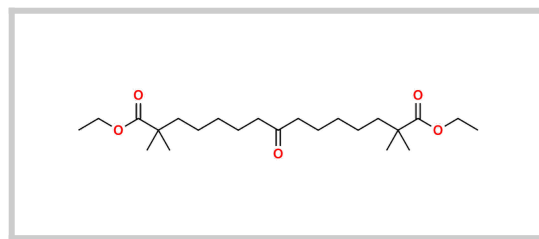
Diethyl 2,2,14,14-tetramethyl-8-oxopentadecanedioate

CAT No. : KMB011004

CAS No. : 738606-43-4

Molecular Formula : C<sub>23</sub>H<sub>42</sub>O<sub>5</sub>

Molecular Weight : 398.6



### Analytical Information

Batch No. : BEM-KETO-045-008

Description : Colorless Liquid

HPLC Purity : 94.23 %

Weight Loss By TGA : 0.39 %

% Potency : 93.86 %

Solubility : Acetonitrile

Mass : Confirm as water adduct

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 - 0.39(Weight Loss By TGA)] x [94.23(HPLC Purity)]/100 = 93.86 %

Remarks : COA Re-generated on 27.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/09/2024
Reviewed & Approved By	Quality Control	Jatin Patel		27/09/2024

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