

CERTIFICATE OF ANALYSIS

(Certificate No. KMP004008-01)

Release Date: 20/03/2025

Re-test Date: 19/03/2028

Pregabalin Impurity 4E

Identification

Chemical Name :

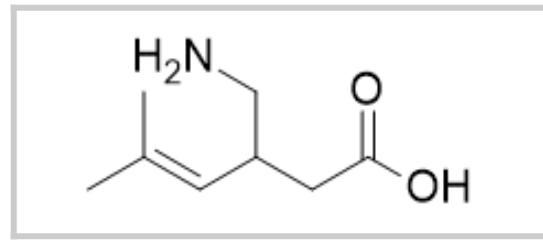
3-(aminomethyl)-5-methylhex-4-enoic acid

CAT No. : KMP004008

CAS No. : 216576-74-8

Molecular Formula : C8H15NO2

Molecular Weight : 157.21



Analytical Information

Batch No. : PRE-4ENE-030-026

Solubility : Water

Description : White Solid

Mass : Confirm

HPLC Purity : 99.75 %

IR : Confirm

Weight Loss By TGA : 3.02 %

1H NMR : Confirm

% Potency : 96.74 %

13C 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 - 3.02(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 96.74 %

-Re-tested on 20.03.2025

-13C NMR added on 04.12.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/12/2025

Attachments : COA, HPLC, MASS, 1HNMR, 13C NMR, IR and TGA