

CERTIFICATE OF ANALYSIS

(Certificate No. KMF039009-01)

Release Date: 29/07/2026

Re-test Date: 28/07/2029

Fenticonazole EP Impurity E

Identification

Chemical Name :

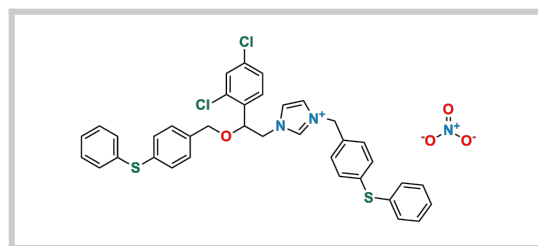
1-(2-(2,4-dichlorophenyl)-2-((4-(phenylthio)benzyl)oxy)ethyl)-3-(4-(phenylthio)benzyl)-1H-imidazol-3-ium nitrate

CAT No. : KMF039009

CAS No. : 1313397-06-6

Molecular Formula : C₃₇H₃₁Cl₂N₂OS₂ : NO₃

Molecular Weight : 654.70 : 62



Analytical Information

Batch No. : F039009-136-120

Description : Off White Hygroscopic Solid

HPLC Purity : 98.02 %

Weight Loss By TGA : 1.58 %

% Potency : 96.47 %

Solubility : Acetonitrile

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 - 1.58(Weight Loss By TGA)] x [98.02(HPLC Purity)]/100 = 96.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/07/2026

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