

CERTIFICATE OF ANALYSIS

(Certificate No. KMF039008-01)

Release Date: 27/07/2026

Re-test Date: 26/07/2029

Fenticonazole EP Impurity E

Identification

Chemical Name :

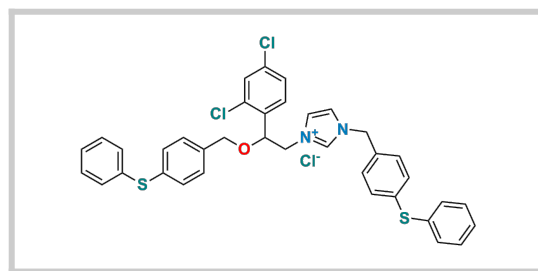
3-(2-(2,4-dichlorophenyl)-2-((4-(phenylthio)benzyl)oxy)ethyl)-1-(4-(phenylthio)benzyl)-1H-imidazol-3-ium chloride

CAT No. : KMF039008

CAS No. : 80639-92-5 ; 1313397-06-6 (Nitrate)

Molecular Formula : C₃₇H₃₁Cl₂N₂OS₂ : Cl

Molecular Weight : 654.7 : 35.5



Analytical Information

Batch No. : F039008-136-119

Description : Off White Hygroscopic Solid

HPLC Purity : 97.84 %

Weight Loss By TGA : 0.29 %

% Potency : 97.56 %

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 - 0.29(Weight Loss By TGA)] x [97.84(HPLC Purity)]/100 = 97.56 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2026

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