

CERTIFICATE OF ANALYSIS

(Certificate No. KMF100022-01)

Release Date: 10/10/2025

Re-test Date: 09/10/2028

5-Methoxy-1-[4-(trifluoromethyl)phenyl]pentan-1-one

Identification

Chemical Name :

5-Methoxy-1-[4-(trifluoromethyl)phenyl]pentan-1-one (as per EP & USP)

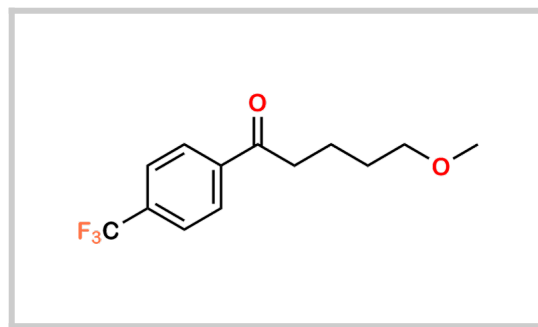
Alt. Name : Valerophenone Analog (USP) ;
Fluvoxketone

CAT No. : KMF100022

CAS No. : 61718-80-7

Molecular Formula : C₁₃H₁₅F₃O₂

Molecular Weight : 260.3



Analytical Information

Batch No. : F100022-102-319

Description : White solid

HPLC Purity : 99.89 %

Weight Loss By TGA : 0.13 %

% Potency : 99.76 %

Solubility : ACN : WATER
(1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.13(Weight Loss By TGA)] x [99.89(HPLC Purity)]/100 = 99.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		12/10/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		12/10/2025

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