

CERTIFICATE OF ANALYSIS

(Certificate No. KMD010001-01)

Release Date: 18/06/2024

Re-test Date: 17/06/2027

Doxepin Related Compound A

Identification

Chemical Name :
dibenzo[b,e]oxepin-11(6H)-one

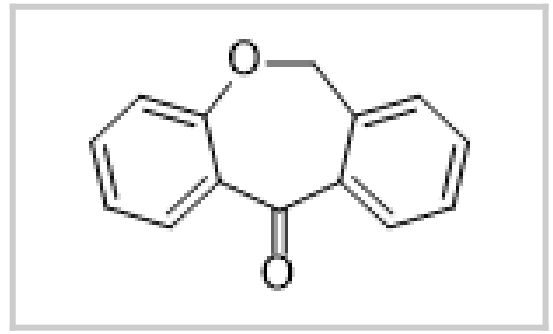
Alt. Name : Doxepin USP Related Compound A ;
Doxepinone

CAT No. : KMD010001

CAS No. : 4504-87-4

Molecular Formula : C₁₄H₁₀O₂

Molecular Weight : 210.23



Analytical Information

Batch No. : DOX-EPA-073-264

Solubility : ACN

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.98 %

IR : Confirm

Weight Loss By TGA : 0.14 %

¹H NMR : Confirm

% Potency : 99.84 %

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 - 0.14(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 99.84 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2024

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