

CERTIFICATE OF ANALYSIS

(Certificate No. KMT017017-02)

Release Date: 24/03/2025

Re-test Date: 23/03/2028

Trazodone Related compound D

Identification

Chemical Name :

2-[3-[4-(3-bromophenyl)piperazin-1-yl]propyl][1,2,4]triazolo[4,3-a]pyridin-3(2H)-one hydrochloride (as per EP & USP)

Alt. Name

: Trazodone USP Related compound D
; Trazodone Bromo Analog

CAT No.

: KMT017017

CAS No.

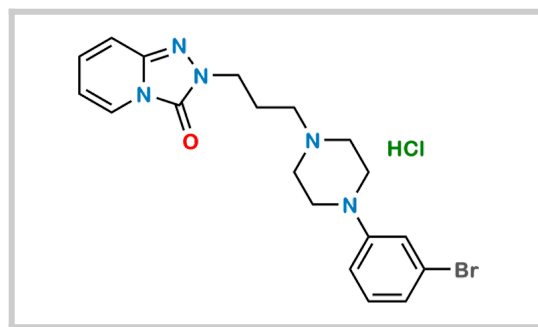
: 1263278-80-3

Molecular Formula

: C₁₉H₂₂BrN₅O : HCl

Molecular Weight

: 416.3 : 36.5



Analytical Information

Batch No.

: TRA-RC-D-030-117

Solubility

: Methanol

Description

: Off White solid

Mass

: Confirm

HPLC Purity

: 99.55 %

IR

: Confirm

Weight Loss By TGA

: 2.28 %

¹H NMR

: Confirm

% Potency

: 97.28 %

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 - 2.28(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 97.28 %

Recommendation

: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/04/2025

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