CERTIFICATE OF ANALYSIS

(Certificate No. KMT017017-02)

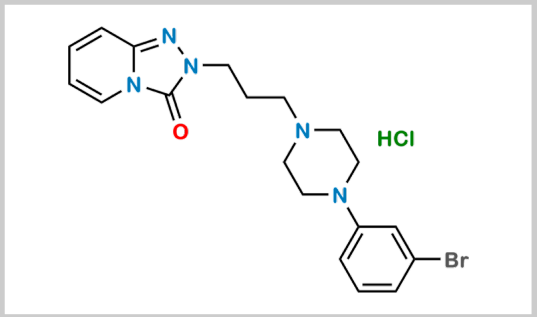
Release Date: 24/03/2025 **Re-test Date:** 23/03/2028

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