CERTIFICATE OF ANALYSIS

(Certificate No. KMT017016-01)

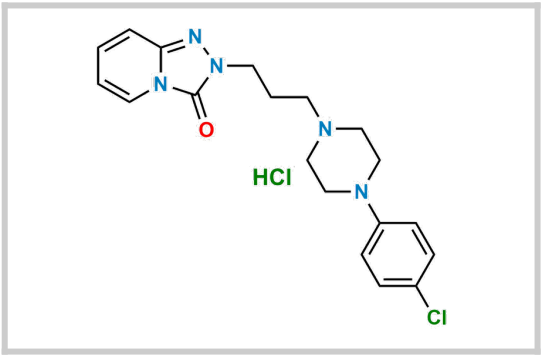
Release Date: 10/03/2025 **Re-test Date:** 09/03/2028

Trazodone EP Impurity C (HCl)

Identification

Chemical Name :
2-[3-[4-(4-chlorophenyl)piperazin-1-yl]propyl][1,2,4]triazolo[4,3-a]pyridin-3(2H)-one hydrochloride

Alt. Name	: Trazodone USP Related compound C HCl ; Trazodone 4-Chloro Analog
CAT No.	: KMT017016
CAS No.	: 1263278-77-8
Molecular Formula	: C19H22ClN5O : HCl
Molecular Weight	: 371.9 : 36.5



Analytical Information

Batch No.	: TRA-RC-C-030-118	**Solubility**	: Acetonitrile
Description	: Off white solid	**Mass**	: Confirm
HPLC Purity	: 98.96 %	**IR**	: Confirm
Weight Loss By TGA	: 1.63 %	**1H NMR**	: Confirm
% Potency	: 97.35 %		

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 - 1.63(Weight Loss By TGA)] x [98.96(HPLC Purity)]/100 = 97.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/03/2025

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