CERTIFICATE OF ANALYSIS

(Certificate No. KMI073006-01)

Release Date: 30/09/2026 **Re-test Date:** 29/09/2029

Beta-Isothipendyl Hydrochloride Impurity

Identification

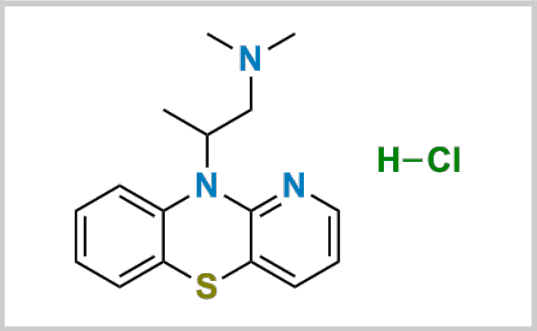
Chemical Name :
2-(10H-benzo[b]pyrido[2,3-e][1,4]thiazin-10-yl)-N,N-dimethylpropan-1-amine hydrochloride

CAT No. : KMI073006

CAS No. : 132962-42-6

Molecular Formula : C16H19N3S : HCl

Molecular Weight : 285.4 : 36.5



Analytical Information

Batch No.	: I073006-136-225	**Solubility**	: Acetonitrile
Description	: Yellow Hygroscopic Solid	**Mass**	: Confirm
HPLC Purity	: 96.18 %	**IR**	: Confirm
Weight Loss By TGA	: 1.12 %	**1H NMR**	: Confirm
% Potency	: 95.1 %		

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 - 1.12(Weight Loss By TGA)] x [96.18(HPLC Purity)]/100 = 95.1 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/09/2026

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