

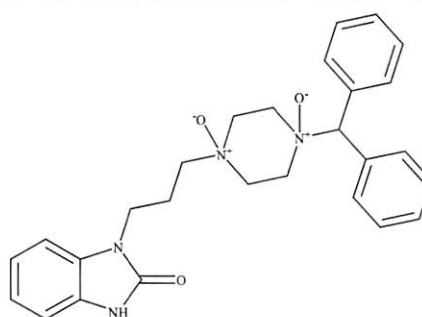
Certificate of Analysis

Certificate No.: **20260601006**



Date: June 1, 2026

Retest date: May 27, 2029

Compound Name: Oxatomide <i>N</i> ¹ , <i>N</i> ⁴ -Dioxide	
Synonyms:	1-benzhydryl-4-(3-(2-oxo-2,3-dihydro-1 <i>H</i> -benzo[<i>d</i>]imidazol-1-yl)propyl)piperazine 1,4-dioxide
TLC Catalogue Number:	O-151006
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	458.56
Molecular Formula:	C ₂₇ H ₃₀ N ₄ O ₃
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7325-070A6
Storage Conditions:	Hygroscopic, store at 2-8 °C
Solubility:	Methanol



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.2%
Impurity (HPLC)	RT 21.30, 0.71%	
Water Content (KF)	N/A	1.6%
Residual Solvents (NMR)	0.4% methanol and 0.5% acetonitrile	
Assay (%)	Not less than 90.0%	96.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/01/2026
Approved by:	Quality Assurance		06/01/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.