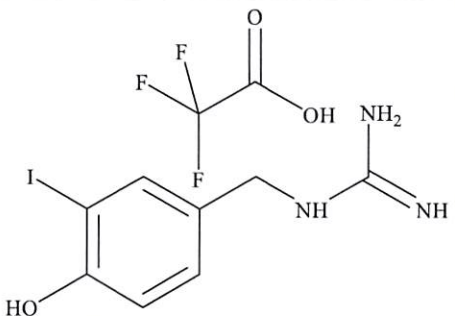


Certificate of Analysis



Certificate No.: **20260605005**

Date: June 5, 2026

Retest date: June 3, 2029

Compound Name:	4-Hydroxy Iobenguane Trifluoroacetate		
Synonyms:	1-(4-hydroxy-3-iodobenzyl)guanidine, 2,2,2-trifluoroacetic acid (1:1)		
TLC Catalogue Number:	I-110003		
CAS Number:	N/A		
Alternate CAS Number:	103658-76-0 (free base)		
Molecular Weight:	291.09 114.02		
Molecular Formula:	C ₈ H ₁₀ IN ₃ O. C ₂ HF ₃ O ₂		
Source:	TLC Pharmaceutical Standards		
Source Lot No.:	7456-066A1		
Storage Conditions:	Store at 2-8 °C		
Solubility:	Methanol, DMSO, Water, DMF		

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
¹⁹ F NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.3%
Impurity (HPLC)	RT 1.57, 0.32%; RT 3.17, 0.43%	
Residual Solvents (NMR)	0.1% diethyl ether	
Assay (qNMR)	Not less than 90.0%	96.2%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/05/2026
Approved by:	Quality Assurance		06/05/2026

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