

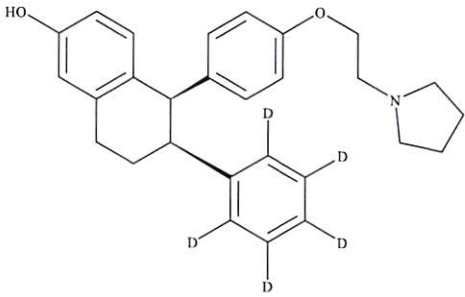
Certificate of Analysis

Certificate No.: **20260617014**



Date: June 17, 2026

Retest date: June 15, 2029

Compound Name: Lasofoxifene-d ₅	
Synonyms:	(5R,6S)-6-(phenyl-d ₅)-5-(4-(2-(pyrrolidin-1-yl)ethoxy)phenyl)-5,6,7,8-tetrahydronaphthalen-2-ol
TLC Catalogue Number:	L-196
CAS Number:	1126626-63-8
Alternate CAS Number:	180916-16-9 (non-labelled)
Molecular Weight:	418.59
Molecular Formula:	C ₂₈ H ₂₆ D ₅ NO ₂
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7505-012A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, DMF



Test Description	Specifications	Results
Visual Description	Pink 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%	98.4%
Impurity (HPLC)	RT 13.56, 1.06%; RT 14.74, 0.22%; RT 16.79, 0.31%	
Purity (Chiral HPLC)	Not less than 98.0%	100.0%
Isotopic Enrichment	Not less than 98.0%	99.1%
Water Content (KF)	N/A	0.4%
Optical Rotation	N/A	$[\alpha]_D^{25.0}(c=0.57, \text{DMSO}): -391.6^\circ$
Residual Solvents (NMR)	0.4% dichloromethane	
Assay (%)	Not less than 90.0%	97.6%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/17/2026
Approved by:	Quality Assurance		06/17/2026

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