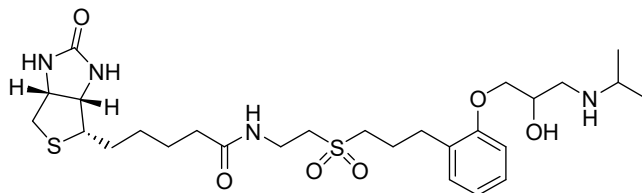


Certificate of Analysis

Description of the Material:

- (a) Product Number: CM61002
- (b) Chemical Name: Biotin-Alprenolol Conjugate
- (c) Chemical Structure:



$C_{27}H_{44}N_4O_6S_2$
Exact Mass: 584.27
Mol. Wt.: 584.79

- (d) Molecular Weight: 584.79 Da
- (e) Appearance: Off-white solid or oil film.
- (f) Lot No.: S301.2.S6.1006F
- (g) Amount: 1 mg
- (h) Solubility: Not very soluble in water, very soluble in DMSO and Methanol. Recommend preparing stock solution in DMSO first.

Purity Specifications and Results:

Tests	Specification(s)	Results
Amount	1 mg	1 mg
HPLC	≥95% by standard C18 HPLC	>99%
Mass	584.79	Observed: 585.10 (M+H ⁺)

Intended Use: For research and development use only.

Hazard Information: No known OSHA hazards. See SDS for details.

Shelf Life, Storage/Stability: The compound is very stable as solid at ambient temperature. Recommended long-term storage is at -20°C.

Expiration Date: 1 year after receiving if stored at -20°C or below.

Data Appendix: HPLC and MS Data.

Injection date: Wed, 7. Oct. 2026
C:\HPCHEM\1\DATA\HPLC3_26\10070003.D
Instrument:Instrument 1

Injection Time:11:05:53 AM
Report Style:CM_Ext



CellMosaic, Inc. www.cellmosaic.com
10 A Roessler Road, Woburn, MA 01801, USA.

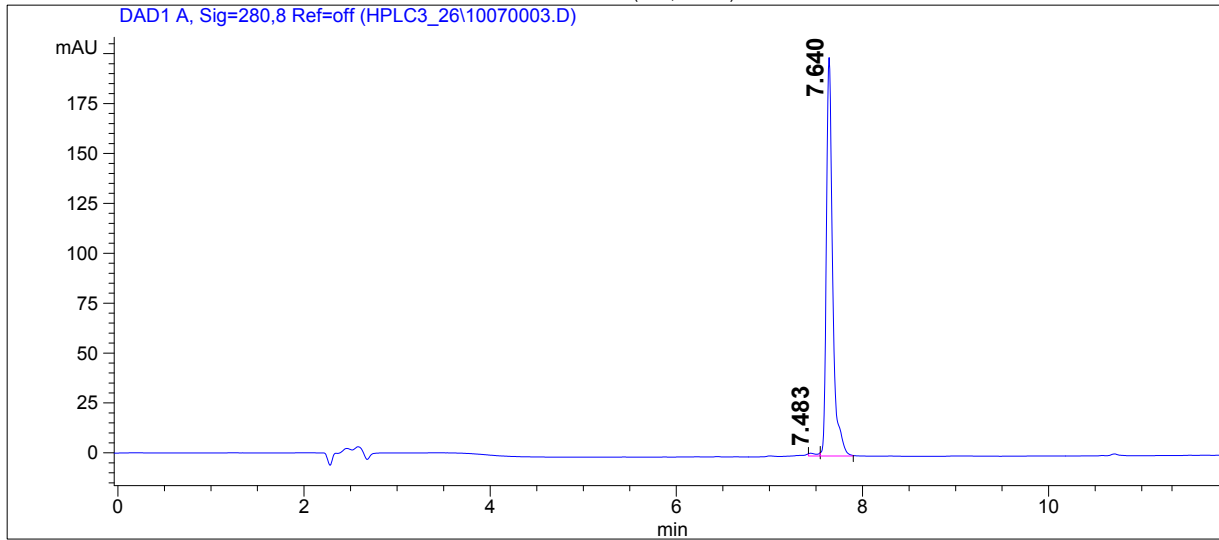
HPLC ANALYSIS DATA

Data Acquired By: CellMosaic QC
Sample Location: Vial 3
Sample Name: Biotin-Alprenolol

Actual injection Volume: 5.0 uL
Sequence Name:
Method: C:\HPCHEM\1\METHODS\C1-1101.M
Pressure: 117.0 bar
Flow: 800.000 uL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
Biotin-Alprenolol
S302.2.S6.1006F

CHROMATOGRAM (UV/Vis)



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 A, Sig=280,8 Ref=off	7.483	9.1	1.0
	7.640	934.7	99.0

*****END OF REPORT*****