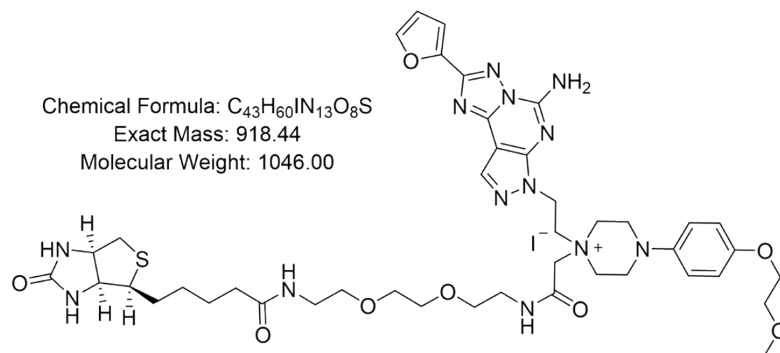


Certificate of Analysis

Description of the Material:

- (a) Chemical Name: Biotin-d(PEG)2-Preladenant
- (b) Molecular Weight: 1046.00 Da
- (c) Chemical Structure:



- (d) Appearance: Light Beige Solution
- (e) Amount: 1 mg per tube
- (f) Concentration: 5 mg/mL in DMSO
- (g) Reconstitution: Quick spin to make sure nothing in the cap before opening the tube. Dilute in appropriate buffer for usage. Make sure there is no precipitation after dilution.

SKU Code and Lot Number:

- (a) SKU Code: CM61008-1MG, CM61008-5MG, CM61008-10MG
- (b) Lot Number: S452.2.S14P2

Purity and MS Data:

- (a) HPLC Purity: >94%
- (b) MS Data obtained by ESI-MS:
Calculated exact mass [M]⁺: 918.44 Da. Obtained MS [M]⁺: 918.4
- (c) Degree of Labeling (DOL): 1:1 (biotin:prelادنانت)

Intended use: For research and development use only.

Solubility: Soluble in DMSO up to 10 mg/mL. Not soluble in pure water or buffer.


Hazard Information: See SDS

Shelf life, Storage/Stability as Supplied: The compound is very stable at room temperature. Recommend to store at 2-8 degree refrigerator for long term.

Date of Analysis: 7/31/2023 **Retest Date:** 7/28/2028

Injection date: Wed, 26. Jul. 2023
C:\HPCHEM\1\DATA\HPLC2_23\07260007.D
Instrument: Instrument 1

Injection Time: 3:36:35 PM
Report Style: CM_Ext

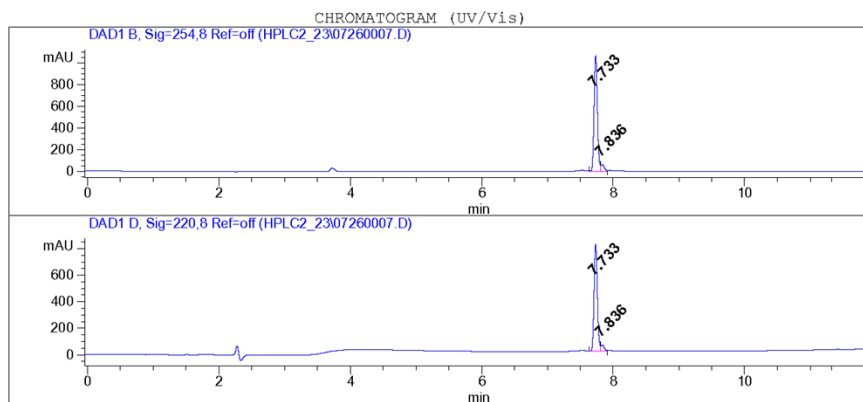
 CellMosaic, Inc. www.cellmosaic.com
10 A Roessler Road, Woburn, MA 01801, USA.

HPLC ANALYSIS DATA

Data Acquired By: CellMosaic QC
Sample Location: Vial 14
Sample Name: S452.2.S14P2

Actual injection Volume: 5.0 uL
Sequence Name:
Method: C:\HPCHEM\1\METHODS\TFALSC6E.M
Pressure: 111.7 bar
Flow: 0.800 uL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
S452.2.S14P2
Biotin-d(PEG)2-Preladenant



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 B, Sig=254,8 Ref=off	7.733	3732.2	94.5
	7.836	216.1	5.5
DAD1 D, Sig=220,8 Ref=off	7.733	2832.9	94.6
	7.836	162.5	5.4

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

MS Analysis of Biotin-d(PEG)2-Preladenant Conjugate
Lot# S452.2.S14P2

