

Certificate of Analysis

Product No.: A102P

Product Name: DBCO-PEG₅-NHS Ester

Chemical Composition: C₃₆H₄₃N₃O₁₁

Molecular Weight: 693.28

Lot#: 1429

Purity

HPLC: >93%

LC/MS Confirmed to structure

TLC: Single spot (DCM:MeOH 20:1 or EtOAc:MeOH 7:1)

Functional test

Reaction with azide: Pass, >95%

Reaction with amine: Pass, >95%

Appearance: Slightly yellow to grey, oil to amorphous solid

Storage: Upon receipt store at -20°C. Product shipped at ambient temperature

Prepared by: 

Date: 11/19/2014

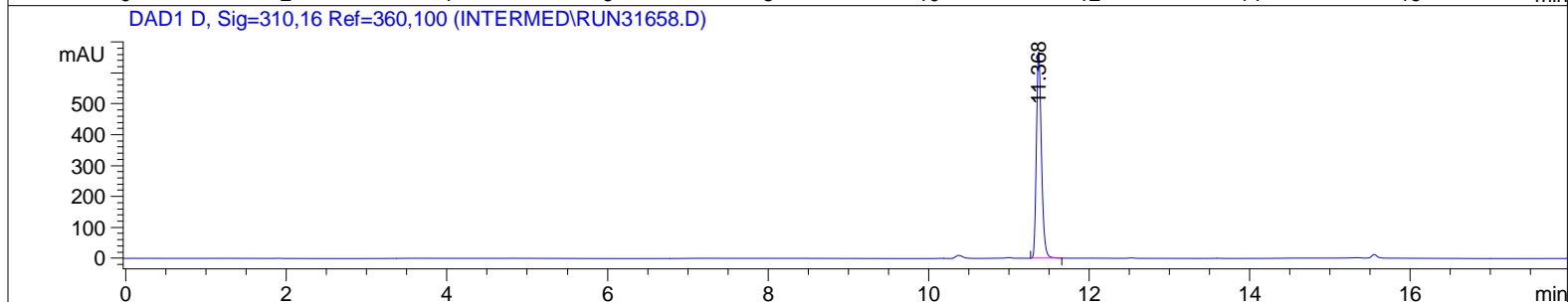
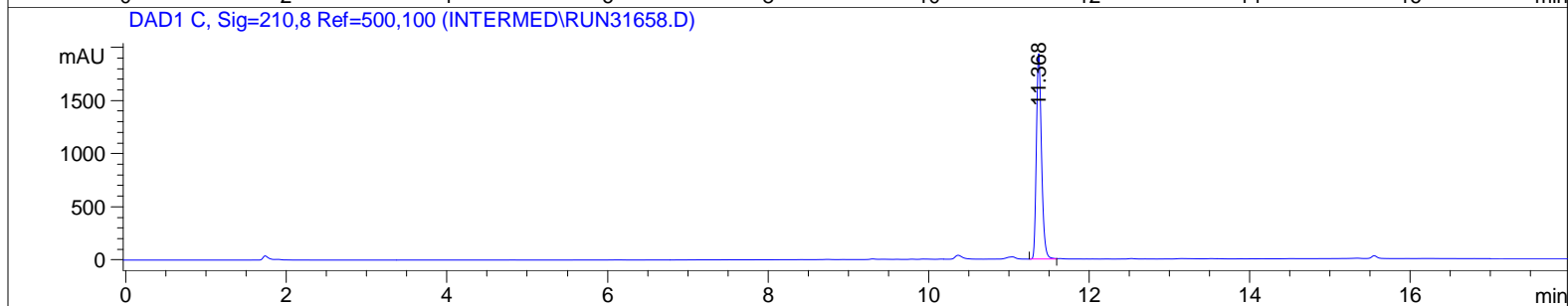
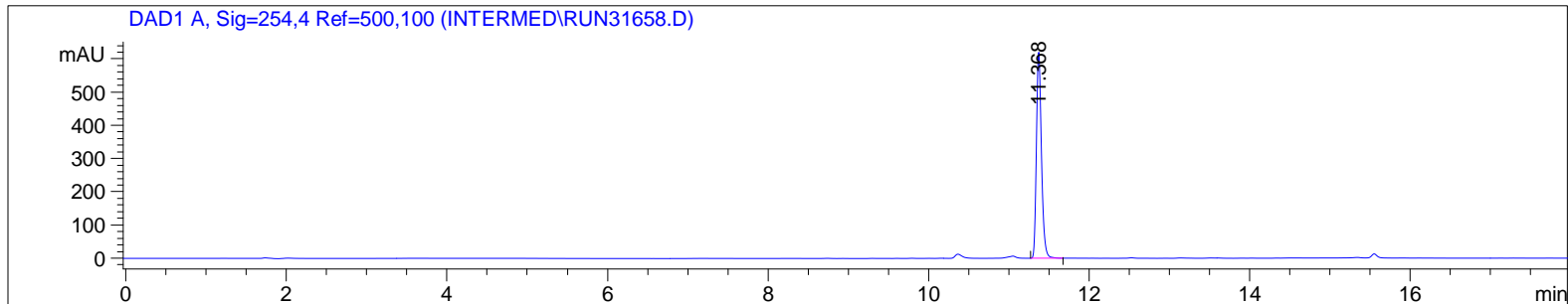
For research use only

DBCO-PEG5-NHS

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Injection Date   : 11/19/2014 12:12:49 PM
Sample Name     : DBCO-PEG5-NHS                Location  : Vial 41
Acq. Operator  : PW
Acq. Instrument : Instrument 1                 Inj Volume: 10 µl
Acq. Method    : C:\HPCHEM\1\METHODS\METHOD_2.M
Last changed   : 11/19/2014 11:12:53 AM by PW
                (modified after loading)
Analysis Method : C:\HPCHEM\1\METHODS\METHOD_2.M
Last changed   : 10/30/2014 10:02:10 AM by PW
Gradient over  : from 10% ACN 10 min to 85% B
                Water
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                          Area Percent Report
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Sorted By      :      Signal
Multiplier    :      1.0000
Dilution      :      1.0000
Sample Amount  :      5.00000 [ng/ul]   (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

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Signal 1: DAD1 A, Sig=254,4 Ref=500,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	11.368	PB	0.0668	2704.90723	620.59845	100.0000

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Totals :                2704.90723  620.59845
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Signal 2: DAD1 C, Sig=210,8 Ref=500,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	11.368	VV	0.0680	8613.61719	1934.21106	100.0000

Totals : 8613.61719 1934.21106

Signal 3: DAD1 D, Sig=310,16 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	11.368	PB	0.0670	2918.29614	667.89838	100.0000

Totals : 2918.29614 667.89838

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*** End of Report ***