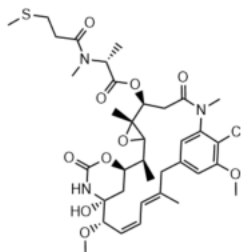


Certificate of Analysis

Description of the Material:

- (a) Chemical Name: S-Methyl DM1 Control for in vitro studies
- (b) Chemical Structure:



- (c) Molecular Weight: 752.32
- (d) Formula: C₃₆H₅₀N₃O₁₀S
- (e) CAS Number: 912569-84-7
- (f) Appearance: Clear solution
- (g) Amount: Each vial contains 100 µL S-Methyl DM1 solution (less than 1 µg of S-Methyl DM1 per vial).
- (h) Concentration: 10 µM in DMSO (7.52 µg/mL)
- (i) Usage: After defrosting, centrifuge to ensure there is no liquid in the cap before opening. Dilute if needed.

SKU Code and Lot Number:

- (a) SKU Code: CM11016.1
- (b) Lot Number: S608.S8.0630E

HPLC Purity and MS Data:

- (a) Purity: ≥99%
- (b) MS Data: Calculated: 751.29 Da; Obtained: 752.9 [M+H]⁺

Intended use: For research and development use only.

Solubility: Not soluble in water. Soluble in DMSO (up to 3.32 mM), ethanol, and DMF.

Hazard Information: See SDS

Shelf life, Storage/Stability as Supplied: The compound is fairly stable at room temperature. We recommend storing it in a freezer below -20 °C for long-term storage.

Expiration Date: 1 year after receiving

Certified by: 

Certifying Officer: Subhakar Dey

Date Appendix: HPLC Data

Injection date: Tue, 8. Jul. 2025
C:\HPCHEM\1\DATA\HPLC3_25\07080005.D
Instrument: Instrument 1

Injection Time: 11:28:13 AM

Report Style: CM_Extar



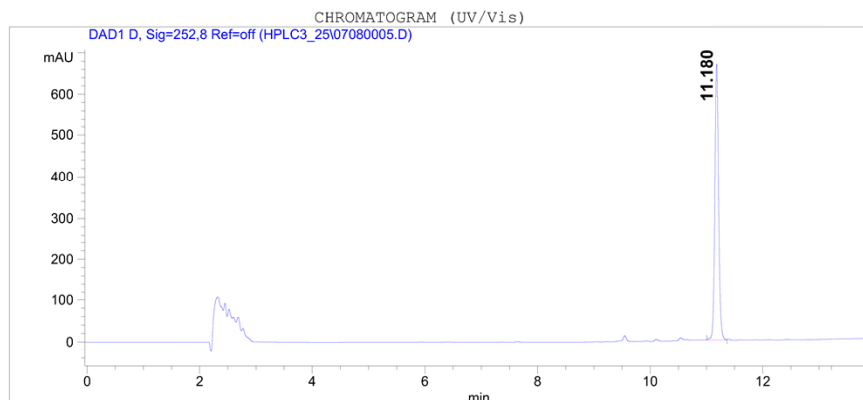
CellMosaic, Inc. www.cellmosaic.com
10 A Roessler Road, Woburn, MA 01801, USA.

HPLC ANALYSIS DATA

Data Acquired By: CellMosaic QC
Sample Location: Vial 41
Sample Name: S608.S6.0630E

Actual injection Volume: 20.0 uL
Sequence Name:
Method: C:\HPCHEM\1\METHODS\C1-1101.M
Pressure: 103.9 bar
Flow: 800.000 uL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
S-Methyl-DM1_100uM



Signal Description Wavelength(nm), Bw	Retention Time [Min.]	Area [mAU.s]	Area %
DAD1 D, Sig=252,8 Ref=off	11.180	3082.8	100.0

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