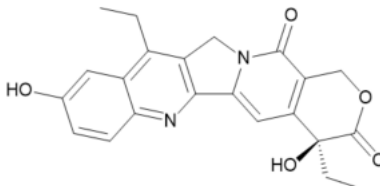


Certificate of Analysis

Description of the Material:

- (a) Chemical Name: SN38 Control for in vitro studies
- (b) Chemical Structure:



- (c) Molecular Weight: 392.42
- (d) Formula: C₂₂H₂₀N₂O₅
- (e) CAS Number: 86639-52-3
- (f) Appearance: Solution
- (g) Amount: Each vial contains 100 µL SN38 solution (less than 1 µg of SN38 per vial).
- (h) Concentration: 10 µM in DMSO (3.92 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: CM11034.1
- (b) Lot Number: S599.S7.0630E

HPLC Purity and MS Data:

- (a) Purity: ≥99%
- (b) MS Data: Calculated: 392.14 Da; Obtained: 393.3 [M+H]

Intended use: For research and development use only.

Solubility: Not soluble in water. Soluble in DMSO (up to 5 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: Wed, 9. Jul. 2025
C:\HPCHEM\1\DATA\HPLC3_25\07090003.D
Instrument: Instrument 1

Injection Time: 12:22:42 PM
Report Style: CM_Ext

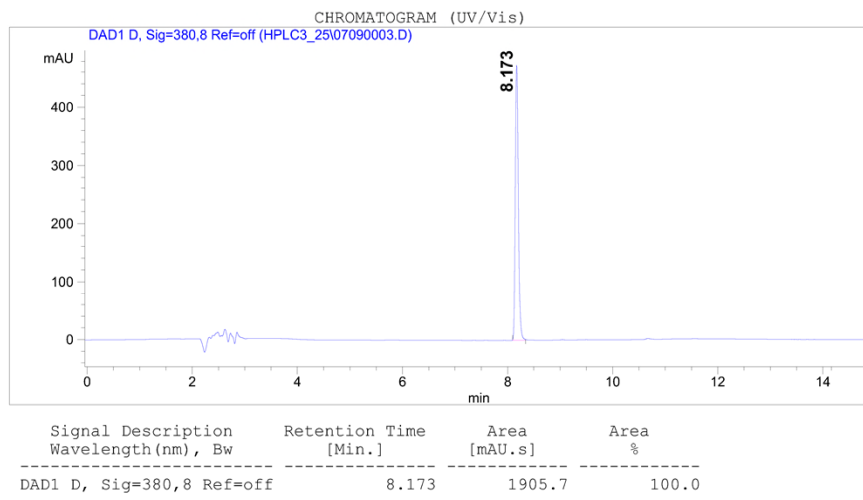
 CellMosaic, Inc. www.cellmosaic.com
10 A Roessler Road, Woburn, MA 01801, USA.

HPLC ANALYSIS DATA

Data Acquired By: CellMosaic QC
Sample Location: Vial 51
Sample Name: S599.S5.0630E

Actual injection Volume: 20.0 uL
Sequence Name:
Method: C:\HPCHEM\1\METHODS\C1-1101.M
Pressure: 104.3 bar
Flow: 800.000 uL/min
Temp (C): 25.0 C

-- SAMPLE INFORMATION --
SN38 100uM



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