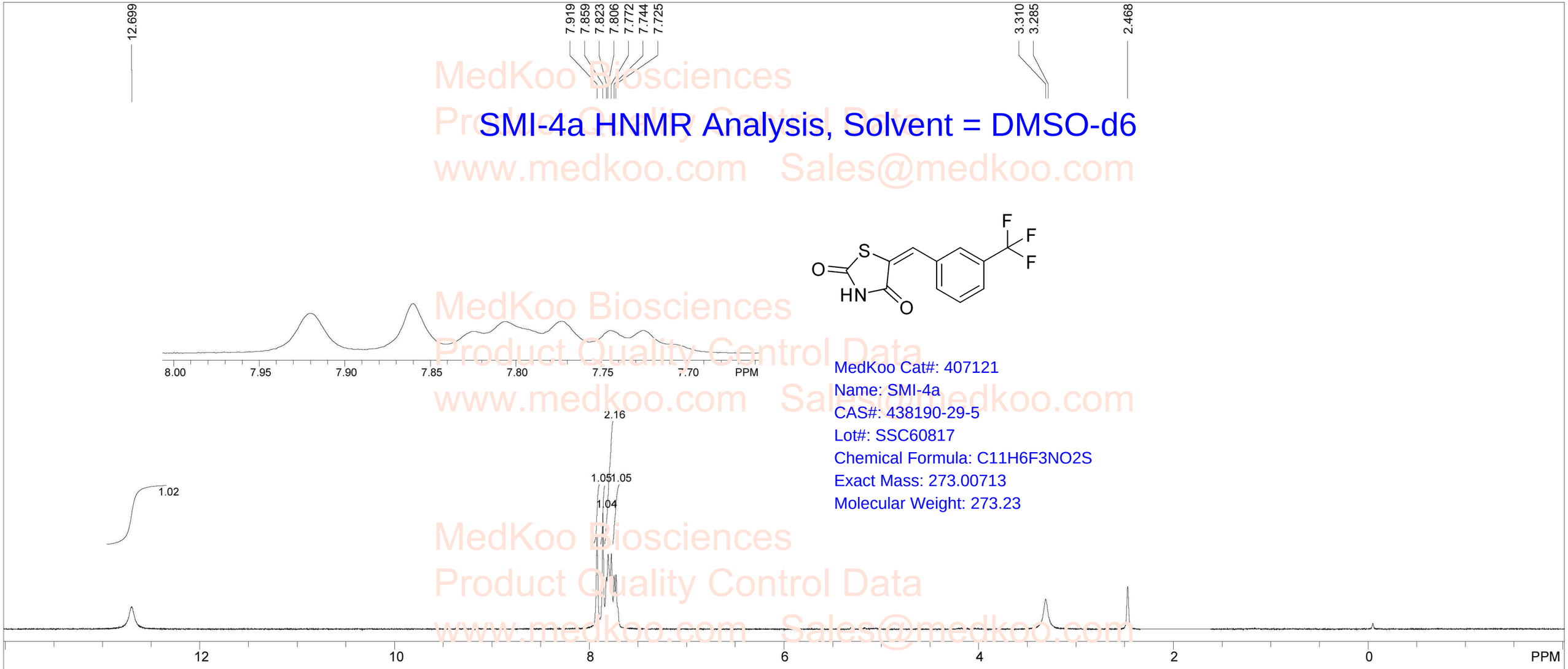
MedKoo Biosciences
Product Quality Control Data
www.medkoo.com Sales@medkoo.com

# SMI-4a HNMR Analysis, Solvent = DMSO-d6







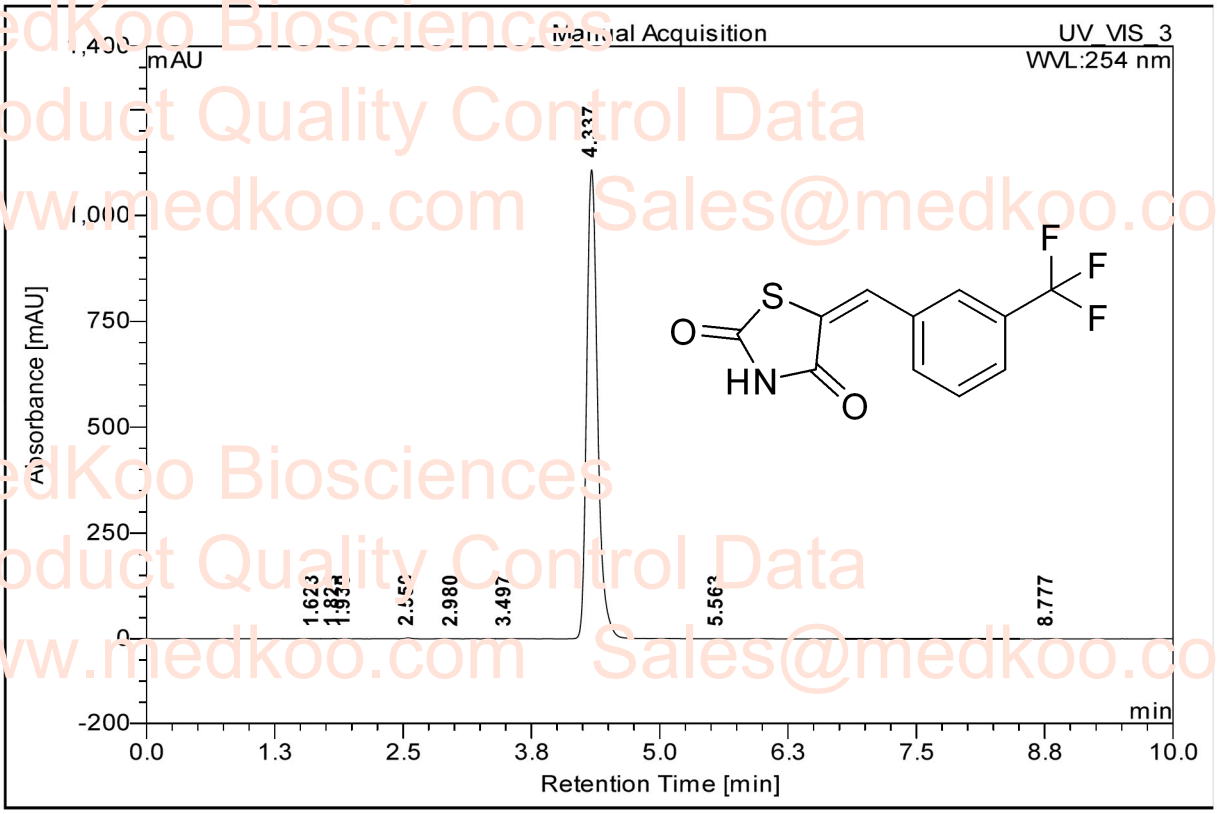
MedKoo Cat#: 407121
Name: SMI-4a
CAS#: 438190-29-5
Lot#: SSC60817
Chemical Formula: C11H6F3NO2S
Exact Mass: 273.00713
Molecular Weight: 273.23

SMI-4a,d6-DMSO,400MHz

| | | | | | | |
|---|---|---|---|---|---|---|
| F1: 399.796 | F2: 100.538 | SW1: 6410 | | OF1: 2398.7 | | PTS1d: 16384 |
| EX: s2pul | | PW: 10.0 usec | PD: 1.0 sec | NA: 96 | LB: 0.0 | Nuts - $SMI4a-01-DMSO.fid |

# SM1-4a HPLC Analysis

| | | | |
|---|---|---|---|
| *Sample Name:* | **Manual Acquisition** | *Injection Volume:* | **5.0** |
| *Vial Number:* | **RB5** | *Channel:* | **UV_VIS_3** |
| *Sample Type:* | **unknown** | *Wavelength:* | **254** |
| *Control Program:* | | *Bandwidth:* | **4** |
| *Quantif. Method:* | **default** | *Dilution Factor:* | **1.0000** |
| | | *Sample Weight:* | **1.0000** |
| *Run Time (min):* | **10.25** | *Sample Amount:* | **1.0000** |




| No. | Ret.Time min | Peak Name | Height mAU | Area mAU*min | Rel.Area % | Amount n.a. | Type |
|---|---|---|---|---|---|---|---|
| 1 | 1.62 | n.a. | 0.010 | 0.000 | 0.00 | n.a. | BMB* |
| 2 | 1.82 | n.a. | 0.566 | 0.025 | 0.02 | n.a. | BMB |
| 3 | 1.93 | n.a. | 0.191 | 0.010 | 0.01 | n.a. | BMB* |
| 4 | 2.55 | n.a. | 2.109 | 0.151 | 0.11 | n.a. | BMB* |
| 5 | 2.98 | n.a. | 0.270 | 0.042 | 0.03 | n.a. | BMB* |
| 6 | 3.50 | n.a. | 0.234 | 0.022 | 0.02 | n.a. | BMB* |
| 7 | 4.34 | n.a. | 1108.284 | 96.817 | 99.80 | n.a. | BMB* |
| 8 | 5.56 | n.a. | 0.014 | 0.001 | 0.00 | n.a. | bMB* |
| 9 | 8.78 | n.a. | 0.151 | 0.024 | 0.02 | n.a. | BMB* |
| **Total:** | | | 1111.831 | 137.093 | 100.00 | 0.000 | |

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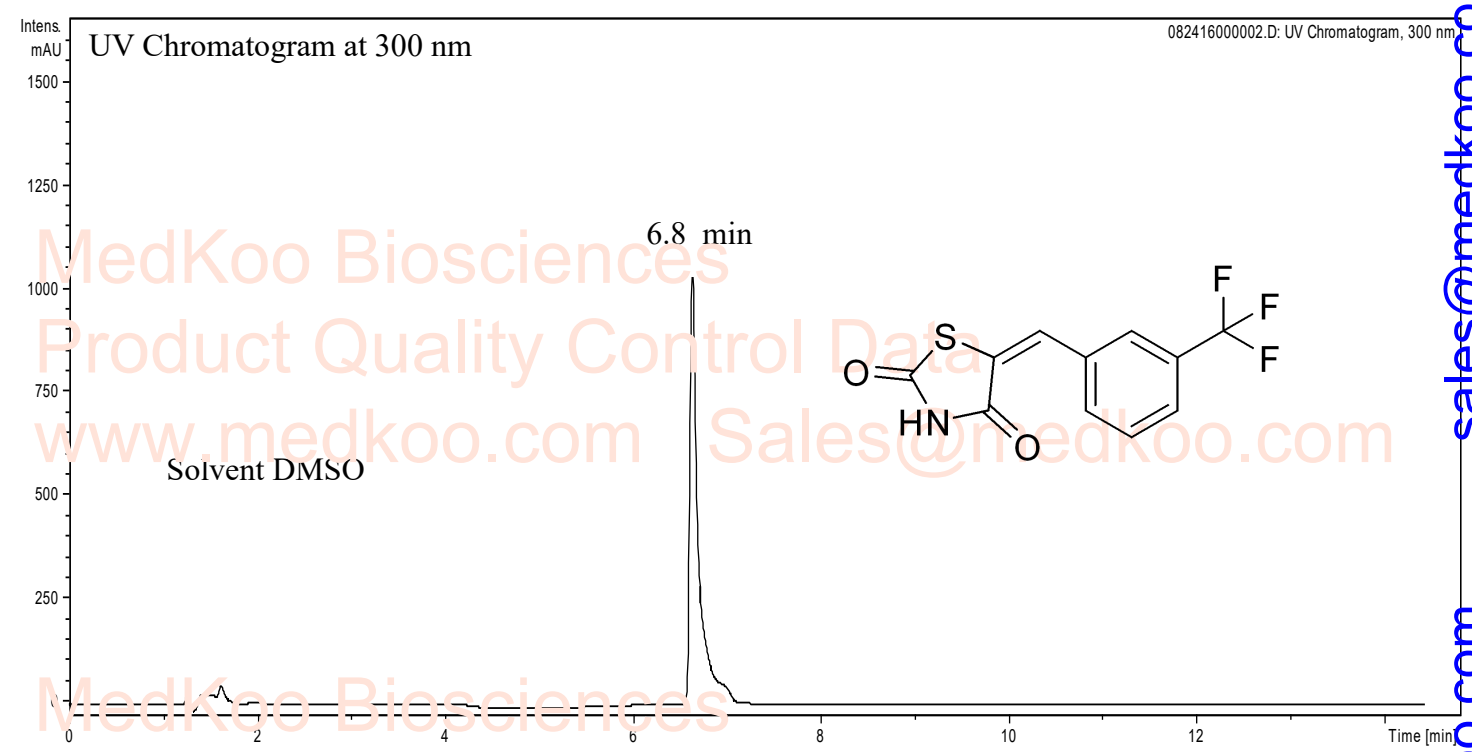
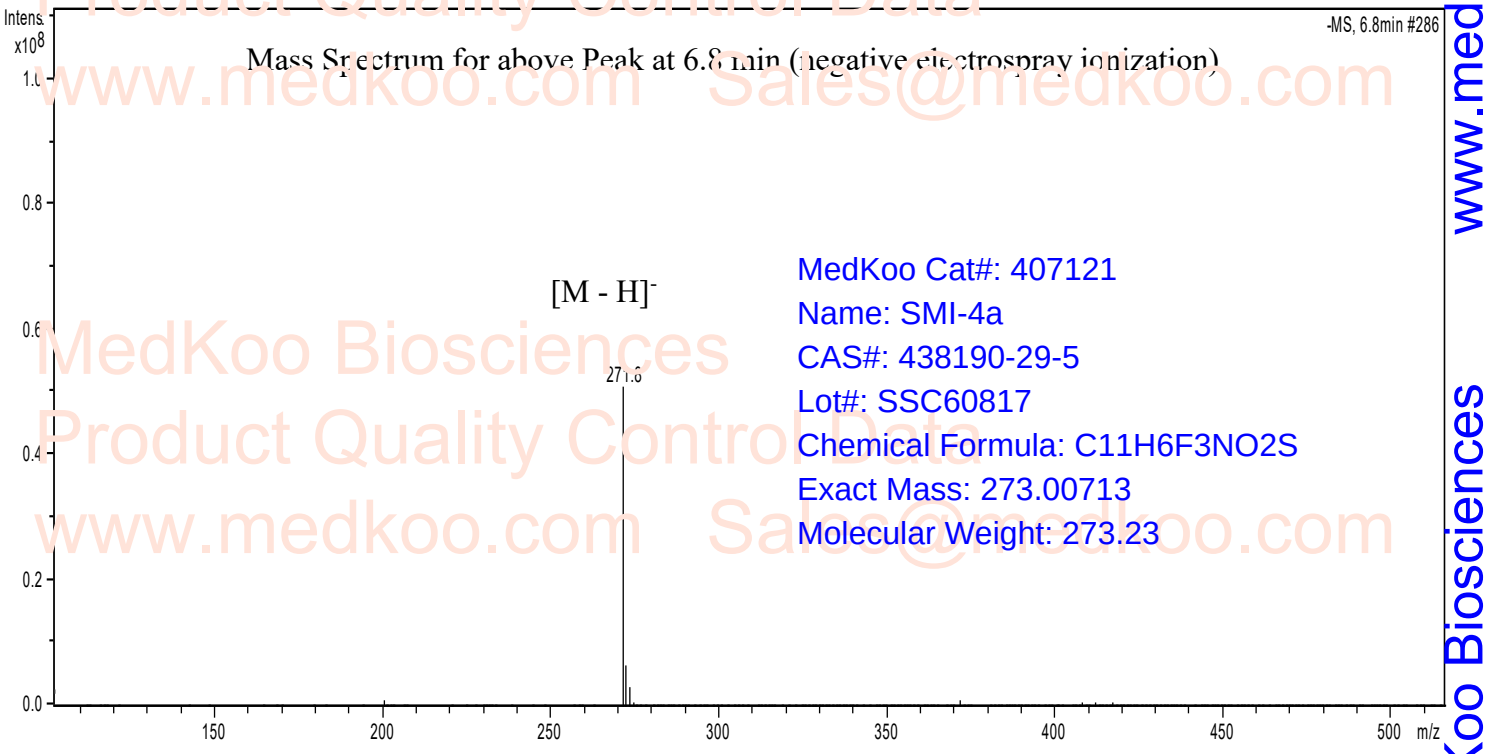
# SM1-4a LC/MS Analysis




Note: The compound is very pure (> 99.3%).

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