XAV-939 NMR Analysis, Solvent = DMSO

PROTON DMSO D:\ nmr1 52

8.289  8.269  7.903  7.882
3.553  3.349  2.911  2.511  2.507

Current Data Parameters
NAME            XAV-939
EXPNO                10
PROCNO                1

F2 - Acquisition Parameters
Date_          20161031
Time              16.07
INSTRUM           spect
PROBHD   5 mm PABBO BB-
PULPROG            zg30
TD                65536
SOLVENT            DMSO
NS                16
DS                2
SWH            8012.820 Hz
FIDRES         0.122266 Hz
AQ                  4.089465 sec
RG                  144
DW    62.400 usec
DE                  6.50 usec
TE                297.4 K
DI     1.00000000 sec
TD0             1

----------- CHANNEL f1 -----------
SFO1        400.1324710 MHz
NUC1                1H
F1          13.00 usec
PLW1           19.0000000 W

F2 - Processing parameters
SI                65536
SF          400.1300000 MHz
WDW              no
SSB                0
LB                0 Hz
GB                0
PC                1.00

MedKoo Biosciences
Product Quality Control Data
www.medkoo.com

MedKoo Cat#: 406134
Name: XAV-939
CAS#: 284028-89-3
Lot#: BBC61101
Chemical Formula: C14H11F3N2OS
Exact Mass: 312.05442
Molecular Weight: 312.31
**XAV-939 HPLC Analysis**

---

**操作者** : zj  
**序列行** : 1  
**仪器** : 仪器 1  
**位置** : 样品瓶 9  
**进样日期** : 2016-10-31 17:13:04  
**进样次数** : 1  
**进样量** : 2.0 µl

进样来自于序列的不同进样量！实际进样量：3.0 µl

**采集方法** : C:\CHEM32\1\DATA\20161031\KR 2016-10-31 17-12-48\TEST-KR.M  
**最后修改** : 2016-10-31 17:12:43 : zj  
**分析方法** : C:\CHEM32\1\METHODS\TEST-KR.M  
**最后修改** : 2016-11-1 8:37:56 : zj  

**结果**

### 图1: DAD1 A, Sig=214,4 Ref=360,100 (20161031\KR 2016-10-31 17-12-48\SIG1000001.D)

<table>
<thead>
<tr>
<th>峰</th>
<th>保留时间</th>
<th>类型</th>
<th>宽度</th>
<th>峰面积</th>
<th>峰高</th>
<th>峰面积</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>7.946 BB</td>
<td>0.0693</td>
<td>7.8738</td>
<td>9.802</td>
<td>10.310</td>
<td></td>
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<tr>
<td>2</td>
<td>8.739 BB</td>
<td>0.0604</td>
<td>37.78942</td>
<td>9.51127</td>
<td>0.6213</td>
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<tr>
<td>3</td>
<td>9.802 BV</td>
<td>0.0661</td>
<td>5975.72461</td>
<td>1391.00952</td>
<td>98.2399</td>
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<tr>
<td>4</td>
<td>10.310 BB</td>
<td>0.0666</td>
<td>42.06062</td>
<td>9.68842</td>
<td>0.6915</td>
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**面积百分比报告**

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<tr>
<th>排序</th>
<th>信号</th>
<th>乘积因子</th>
<th>稀释因子</th>
<th>内标使用乘积因子和稀释因子</th>
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<td>1.0000</td>
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</tr>
</tbody>
</table>

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Data file: C:\CHEM32\1\DATA\20161031\KR 2016-10-31 17-12-48\SIG1000001.D  
Sample name: XAV-939

---

**MedKoo Biosciences**  
Product Quality Control Data  
www.medkoo.com
### XAV-939 HPLC Analysis

#### Peak Retention Time Type Width Area Height Area %

<table>
<thead>
<tr>
<th>#</th>
<th>[min]</th>
<th>[min]</th>
<th>[mAU*s]</th>
<th>[mAU]</th>
<th>%</th>
</tr>
</thead>
<tbody>
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<td>-----</td>
<td>-----</td>
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<td>-------</td>
<td>--------</td>
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<tr>
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</table>

信号 2: DAD1 B, Sig=254,16 Ref=360,100

#### Peak Retention Time Type Width Area Height Area %

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<th>[min]</th>
<th>[mAU*s]</th>
<th>[mAU]</th>
<th>%</th>
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</thead>
<tbody>
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<td>-----</td>
<td>--------</td>
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<tr>
<td>总量</td>
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<td>29.28</td>
<td>4.91</td>
<td>0.55</td>
</tr>
</tbody>
</table>

=====================================================================
***

---

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---
XAV-939 LC/MS Analysis

Integration Results for DAD1 A, Sig=254,4 Ref=off

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<thead>
<tr>
<th>RetTim</th>
<th>Width</th>
<th>Area</th>
<th>Height</th>
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</thead>
<tbody>
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<td>1342.72</td>
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Integration Results for DAD1 C, Sig=214,4 Ref=off

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<tr>
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<th>Width</th>
<th>Area</th>
<th>Height</th>
<th>Area%</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.65</td>
<td>0.05</td>
<td>1721.65</td>
<td>537.25</td>
<td>100.00</td>
</tr>
</tbody>
</table>

Integration Results for MSD1 TIC, MS File

<table>
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<th>RetTim</th>
<th>Width</th>
<th>Area</th>
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</thead>
<tbody>
<tr>
<td>4.78</td>
<td>0.12</td>
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<td>4.99</td>
<td>0.11</td>
<td>296011.06</td>
<td>46135.00</td>
<td>3.62</td>
</tr>
</tbody>
</table>

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sales@medkoo.com
XAV-939 LC/MS Analysis

Ret. Time: 4.78  <<< POSITIVE SPECTRA >>>

Ret. Time: 4.99

MedKoo Cat#: 406134
Name: XAV-939
CAS#: 284028-89-3
Lot#: BBC61101
Chemical Formula: C14H11F3N2OS
Exact Mass: 312.05442
Molecular Weight: 312.31