TBPB NMR Analysis, solvent: DMSO-d6

MedKoo Cat#: 522531
Name: TBPB
CAS#: 634616-95-8
Lot#: X7P07R31
Chemical Formula: C25H32N4O
Exact Mass: 404.2576
Molecular Weight: 404.558
TBPB HPLC Analysis

HPLC Report

Column: Inertil ODS-3, 5 μm 4.6*150mm
Mobile phase: Solvent A: H2O(0.05%H3PO4) Solvent B: ACN(0.05%H3PO4)
Temperature: 40 °C
Flow rate: 1 mL/min
Run time: 3 min gradient(50%B), 15 min gradient (50%-95%B), 5 min(95%B), then 7 min @(50%B)
Detector: UV
Wavelength: 220/254 nm
User name: TBPB E-005
Notebook page: in ACN
Sample description: in ACN
Injection Volume: 2 μL

Detector A Ch1 220nm
Peak Table

<table>
<thead>
<tr>
<th>Peak</th>
<th>Ret. Time</th>
<th>Area</th>
<th>Area %</th>
<th>Theoretical Plates</th>
</tr>
</thead>
<tbody>
<tr>
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<td>7.306</td>
<td>33998</td>
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Detector A Ch2 254nm

Data File Name: TBPB.lcd
Method File Name: TBPB.lcm
Batch File Name: 20170731.lcb
Data Acquired: 2017-7-31 15:01:12
Data Processed: 2017-7-31 15:36:40
## TBPB HPLC Analysis

**PeakTable**

<table>
<thead>
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<th>Peak#</th>
<th>Ret. Time</th>
<th>Area</th>
<th>Area %</th>
<th>Theoretical Plate#</th>
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<tbody>
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</tbody>
</table>

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*** End Of Report ***
<Sample Information>

LC-MS Condition
Column: YMC-Pack Pro C18, 150*4.6mm, 3um, JH-008
Mobile Phase: Solvent A: H2O: FA=99.95:0.05, Solvent B: MeCN
Temperature: 30℃
Flow rate: 0.8 mL/min.
Run time: 3 min @ 40%B, and then 15 min (40-80%B), then 5 min 80%B
Detector: UV
Wavelength: 254/263nm
Mass range: 50-1000
Scan: Positive/Negative
User name: SZJ
Sample description: 1 mg/ml in MeCN
Data Filename: TBPB.lcd
Batch Filename: 20170716.lcb
Method Filename: positive-negative 3min-1.lcm
Vial #: 1-99
Injection Volume: 5 uL
Date Acquired: 2017-7-31 14:01:36
Date Processed: 2017-7-31 14:20:00

Chromatogram
D:\Data\TBPB.lcd

**MS Chromatogram**

**MS Spectrum**

MedKoo Biosciences
Product Quality Control Data
www.medkoo.com     sales@medkoo.com
TBPB LC/MS Analysis

Peak#:1  R.Time:0.211(Scan#:20)  
MassPeaks:534  
Spectrum Mode:Averaged 0.175-0.225(18-22)  
BG Mode:Calc  Segment 1 - Event 2

Peak#:1  R.Time:0.212(Scan#:19)  
MassPeaks:522  
Spectrum Mode:Averaged 0.167-0.217(17-21)  
BG Mode:Calc  Segment 1 - Event 1

***** End Of Report *****