Ibutamoren mesylate NMR analysis
Solvent = DMSO-d6

MedKoo Cat#: 201684
Name: Ibutamoren mesylate
CAS#: 159752-10-0
Chemical Formula: C28H40N4O8S2
Molecular Weight: 624.77
Acq. Operator       : 1
Acq. Instrument     : Instrument 1                  Location : Vial 0
Injection Date      : 4/9/2015 1:49:09 PM
Acq. Method         : D:\CHEM32\                     
Last changed        : 4/9/2015 1:55:31 PM by 1
                     (modified after loading)
Analysis Method     : D:\CHEM32\                    
Last changed        : 4/9/2015 2:00:17 PM by 1
                     (modified after loading)
Sample Info         : A = ACN,  B = 0.1% H3PO4/H2O]  0% A/B 2 min, 0-95% A/B 4
                     min, 95% A/B 3 min, 95-0% A/B 1 min; Athena C18 (3 μm,  
                     2.1 mm × 100 mm); Flow: 0.4 ml/min, T = 25 °C

Area Percent Report  
Sorted By            :      Signal
Multiplier:                   :      1.0000
Dilution:                     :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=210 nm
Peak RetTime Type  Width     Area      Height     Area
#   [min]        [min]  mAU   *s   [mAU   ]       %
----|-------|----|-------|----------|----------|--------|
1   5.860 BB    0.0561   30.56374    8.57933   0.3902
2   6.162 BB    0.0657 7801.84961 1914.42493  99.6098
Totals :                  7832.41335 1923.00425

*** End of Report ***

Ibutamoren mesylate HPLC analysis
Ibutamoren mesylate, MS analysis

MedKoo Cat#: 201684
Name: Ibutamoren mesylate
CAS#: 159752-10-0
Chemical Formula: C28H40N4O8S2
Molecular Weight: 624.77
Ibutamoren (free base)
Chemical Formula: C27H36N4O5S
Exact Mass: 528.24064; Molecular Weight: 528.66