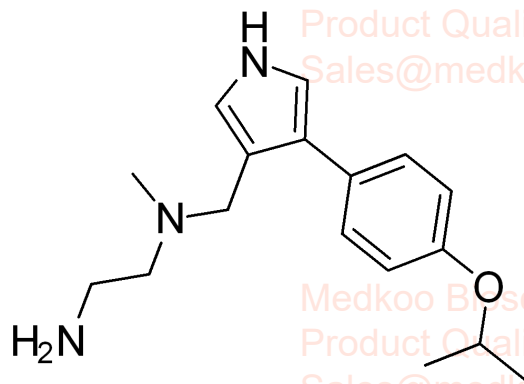


# MS023 free base HNMR Analysis, Solvent: DMSO



Medkoo Biosciences

Product Quality Control Data

Sales@medkoo.com

MedKoo Cat#: 407274

Name: MS023 free base

CAS#: 1831110-54-3 (free base)

Lot#: A21T06K23

Chemical Formula: C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O

Exact Mass: 287.1998

Molecular Weight: 287.407

Medkoo Biosciences

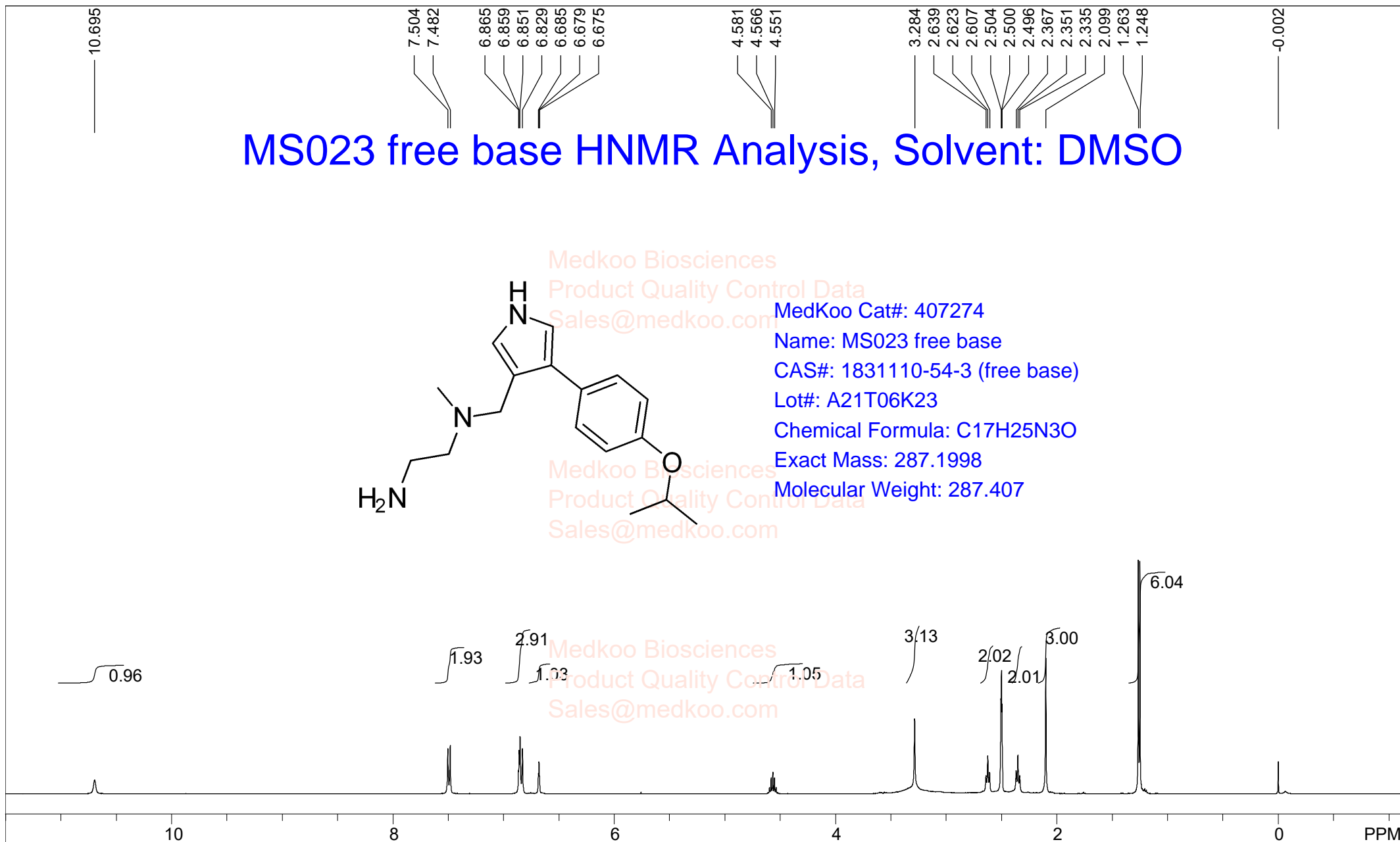
Product Quality Control Data

Sales@medkoo.com

Medkoo Biosciences

Product Quality Control Data

Sales@medkoo.com



DMSO,

F1: 400.132

F2: 1.000

SW1: 8224

OF1: 567.3

PTS1d: 32768

EX: zg30

PW: 13.0 usec

PD: 1.0 sec

NA: 32

LB: 0.0

Medkoo Biosciences

www.medkoo.com

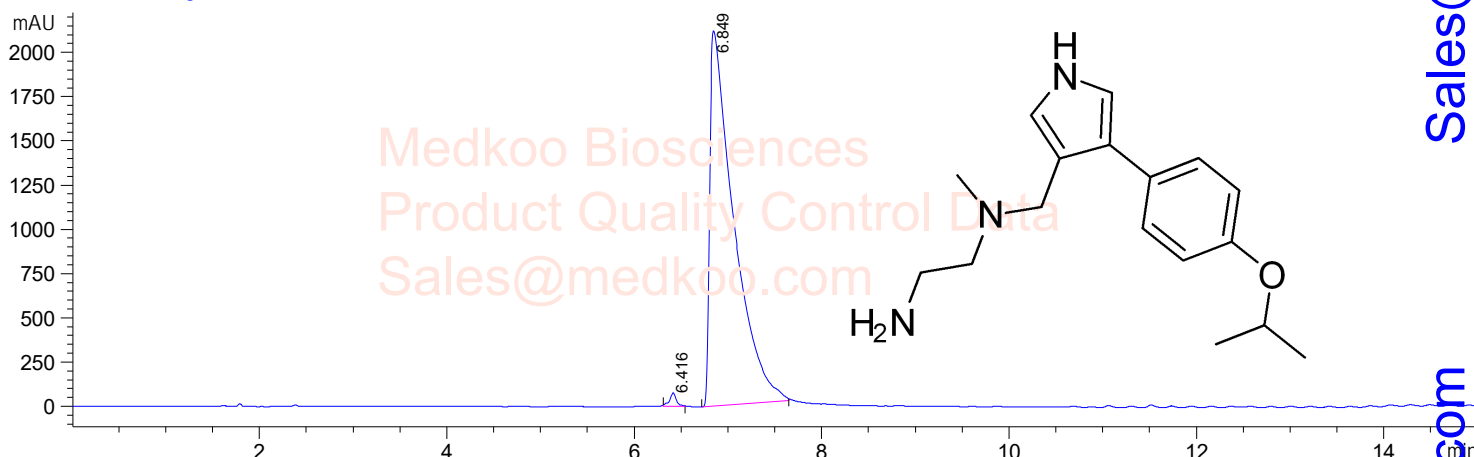
Sales@medkoo.com

# MS023 free base HPLC Analysis

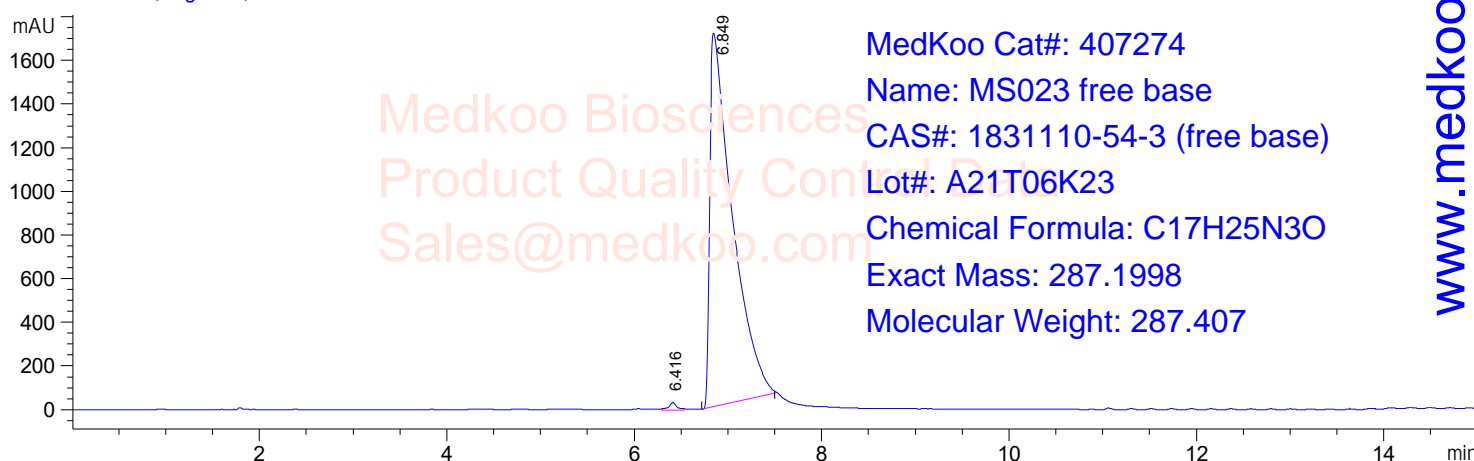
Sample Name : 1831110-54-3

Method Info : Mobile Phase: A: water (10mM Ammonium hydrogen carbonate) B: ACN  
 Gradient: 0min 5%B, 3min 5%B, 10min 95%B, 15min 95% B  
 Flow Rate: 1ml/min  
 Column: XBridge C18, 4.6\*150mm, 3.5um  
 Oven Temperature: 45 C  
 MASS Range: 110-1000

DAD1 A, Sig=214,4 Ref=off



DAD1 B, Sig=254,4 Ref=off



MedKoo Cat#: 407274  
 Name: MS023 free base  
 CAS#: 1831110-54-3 (free base)  
 Lot#: A21T06K23  
 Chemical Formula: C17H25N3O  
 Exact Mass: 287.1998  
 Molecular Weight: 287.407

Integration Results for DAD1 A, Sig=214,4 Ref=off

RetTim	Width	Area	Height	Area%
6.42	0.08	386.56	75.85	1.01
6.85	0.24	37834.98	2120.24	98.99

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

RetTim	Width	Area	Height	Area%
6.42	0.05	146.84	35.96	0.51
6.85	0.23	28645.63	1713.05	99.49

# MS023 free base LC/MS Analysis

Sample Name : 1831110-54-3

Method Info : Column:Xbridge C18(2) (4.6x 50 mm, 3.5um)

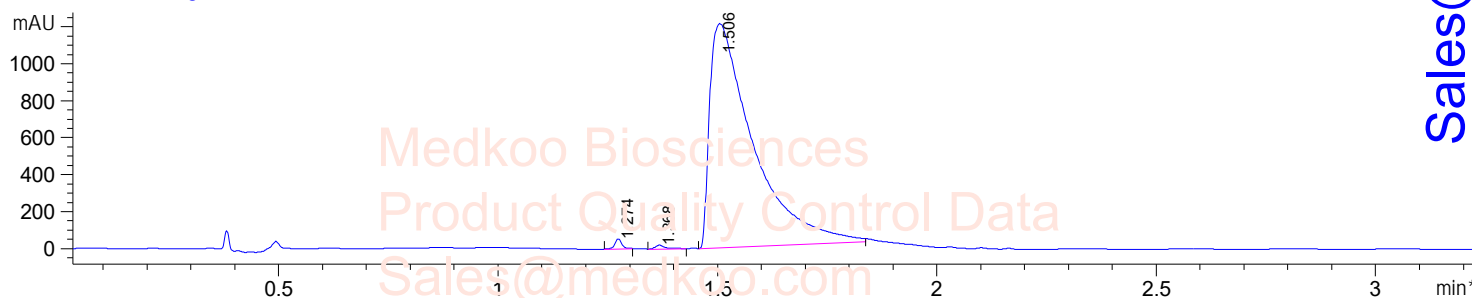
Mobile phase: H2O(10 mmol NH4HCO3 ) (A) / ACN(B)

Elution program: Gradient from 10 to 95% of B in 1.5min at 1.8ml/min

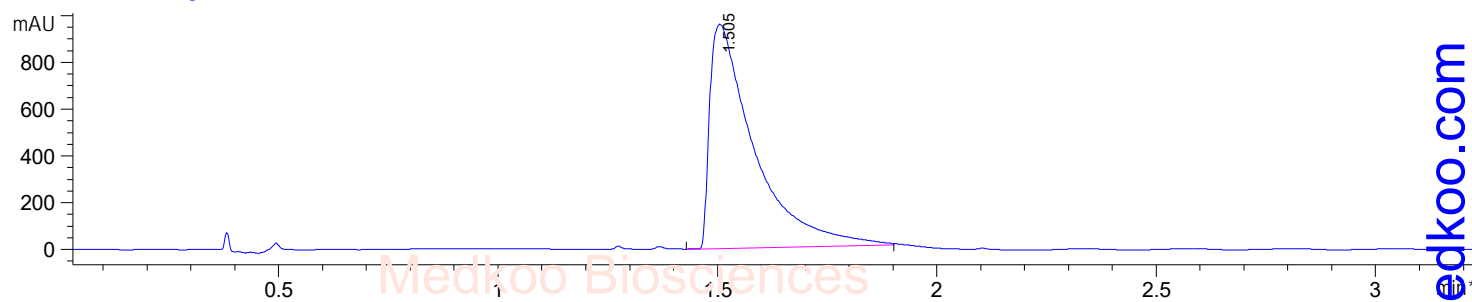
Temperature: 50 °C

Detection: UV (214 , 4 nm) and MS (ESI, Pos mode ,103 to 800 amu)

\*DAD1 A, Sig=214,4 Ref=off

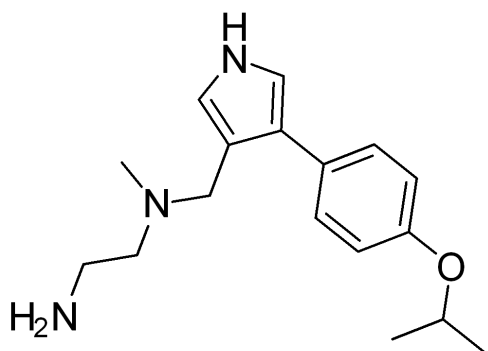
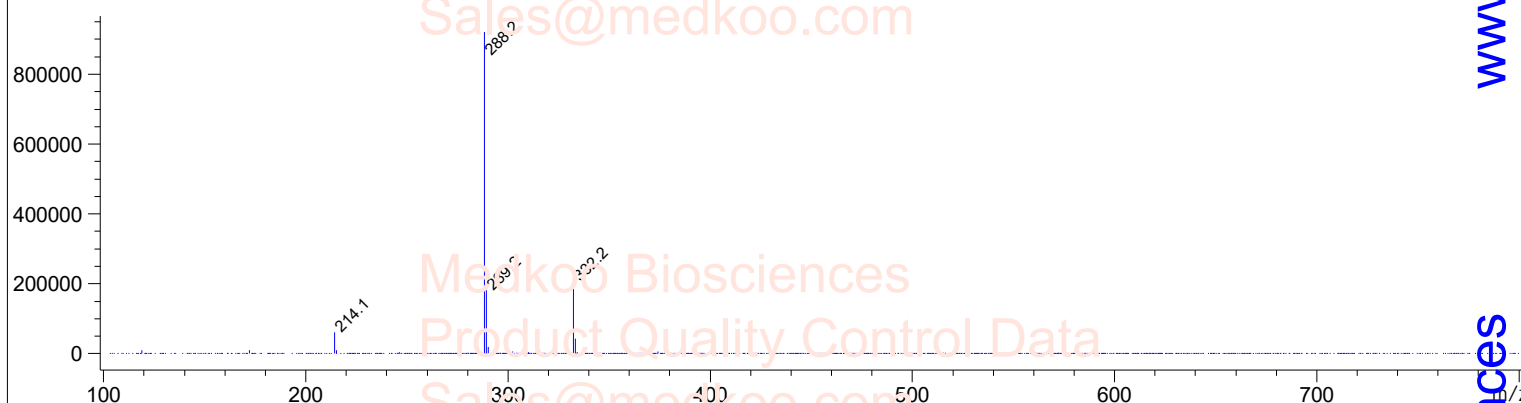


\*DAD1 B, Sig=254,4 Ref=off



Ret. Time: 1.51

ES-API Positive



MedKoo Cat#: 407274

Name: MS023 free base

CAS#: 1831110-54-3 (free base)

Lot#: A21T06K23

Chemical Formula: C17H25N3O

Exact Mass: 287.1998

Molecular Weight: 287.407