

Certificate of Analysis

Oxaliplatin

Research Area: [DNA Damage/DNA Repair](#) > [DNA/RNA Synthesis](#) > [Oxaliplatin](#)

Product Name: Oxaliplatin

Catalog Number: S1224

Batch Number: S122410

Physical and chemical properties

Molecular Formula: $C_8H_{14}N_2O_4Pt$

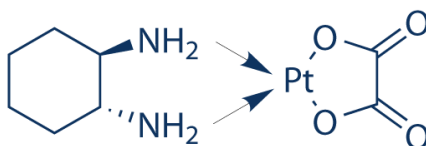
Molecular Weight: 397.29

CAS No.: 61825-94-3

Stability: 3 years -20°C powder

2 years -80°C in solvent

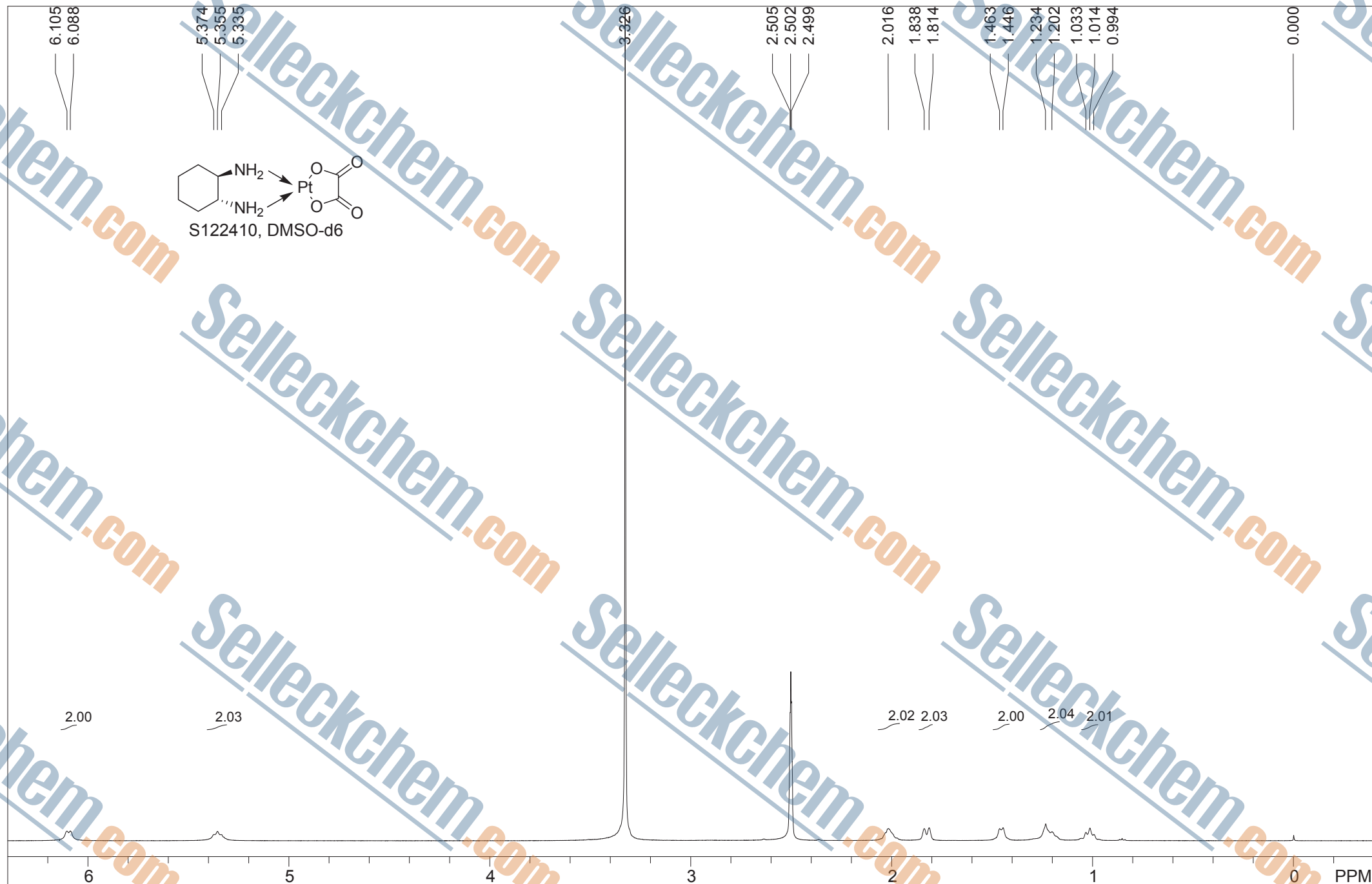
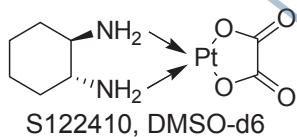
Molecular Structure:



Analytical data

HPLC: 99.93% purity

NMR: Consistent with structure



PROTON DMSO {D:\data\118,,

USER: nmrsu -- DATE: 14:18:31.945 +0800 nmrsu@CZC31189NY

F1: 500.230

F2: 1.000

SW1: 10000

OF1: 3072.3

PTS1d: 65536

EX: zg30

PW: 12.0 us

PD: 1.0 sec

NA: 8

LB: 0.3

Nuts - S122410 OXALIPLATIN (oxaliplatin)_10.1

=====

Acq. Operator : SYSTEM
Acq. Instrument : 12601c

Seq. Line : 1
Location : Vial 52

Inj Volume : 2.000 µl



=====
Area Percent Report
=====

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

Signal 1: DAD1 A, Sig=210,4 Ref=550,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	0.509	MM	0.3631	6.74856	3.09739e-1	0.0662
2	2.079	BB	0.2866	1.01914e4	528.17542	99.9338

Totals : 1.01982e4 528.48515

=====
*** End of Report ***