

# Certificate of analysis



## 2C-T-7 (hydrochloride)

2,5-dimethoxy-4-(propylthio)-benzeneethanamine, monohydrochloride

Item number ....:11200  
Batch number :0465050  
Purity Specification.....:≥98%

Molecular Formula: C<sub>13</sub>H<sub>21</sub>NO<sub>2</sub>S • HCl  
CAS Number .....: 850140-15-7

Formula Weight: 291.80  
Expiry date .....: 10/13/2017

Tests	Specifications	Results
HPLC	Column .....: C18, 5μ, 4.6 X 250 mm Mob. Phase.....: Acetonitrile:Water:Trifluoroacetic Acid (45:55:0.1) Flow Rate.....: 1.00 ml/min Detector UV .....: 256 nm	Retention Time Actual.: 7.10 min Purity .....: 98.3 %
IR	Conforms with standard	Conforms
Mass	Source Type .....: ESI M-HCl Expected 256.1	Actual 256.3
Melting Point	194 - 201 °C	194 - 195 °C
TLC	Mob. Phase.....: Dichloromethane:Methanol:Ammonium Hydroxide (90:10:1) Stationary Phase: Silica Gel Visualized With ..: Sulfuric Acid	Rf.....: 0.24 Purity % .....: 100.00
UV	λ max .....: 305, 256 nm	λ max .....: 304, 256 nm

Analyzed by: Ashley Macey

Approved by: Jennifer LaBrecque