

# Certificate of analysis



## RCS-4 N-(5-hydroxypentyl) metabolite

(1-(5-hydroxypentyl)-1H-indol-3-yl)(4-methoxyphenyl)-methanone

Item number ....:10935  
Batch number :0446050  
Purity Specification.....: 98%

Molecular Formula: C<sub>21</sub>H<sub>23</sub>NO<sub>3</sub>  
CAS Number .....: 1379604-66-6

Formula Weight: 337.40  
Expiry date .....: 11/18/2015

Tests	Specifications	Results
HPLC	Column .....: C18, 5 $\mu$ , 4.6 X 250 mm Mob. Phase.....: Acetonitrile:Water:Acetic acid (50:50:0.1) Flow Rate.....: 1.00 ml/min Detector UV .....: 214 nm	Retention Time Actual.: 7.60 min Purity .....: 100.0 %
IR	Conforms with standard	Conforms
Mass	Source Type .....: APCI MH+	Expected 338.4 Actual 338.1
TLC	Mob. Phase.....: Dichloromethane:Methanol (95:5) Stationary Phase: Silica Gel Visualized With ..: UV	Rf .....: 0.40 Purity % .....: 100.00
UV	max .....: 214, 262, 319 nm	max .....: 214, 264, 314 nm

Analyzed by: Jessie Schrot

Approved by: Libby Perry