

# Analytical Data Sheet

Lot number

**1045720**

not for drug use

Catalog Number

H-5978.0005

Product number

4043023.0005

Product

**(D- Tyr<sup>6</sup>, βPhe<sup>11</sup>, Phe<sup>13</sup>, Nle<sup>14</sup>) - Bombesin (6- 14) (free acid) trifluoroacetate salt**  
 H- D- Tyr- Gln- Trp- Ala- Val- βPhe- His- Phe- Nle- OH  
 trifluoroacetate salt

Molecular formula

C<sub>63</sub>H<sub>79</sub>N<sub>13</sub>O<sub>12</sub>

Relative molecular mass

1210.40

Tests	Results	
<b>Appearance</b>	white powder	
<b>Appearance of solution</b>	clear, colorless solution (1 mg/ml in AcOH 50 %)	
<b>Identification (ESI-MS)</b>	m = 1210.3u (average mass)	
<b>Purity (HPLC)</b>	99.0% (TFA) 98.6% (TEAP)	
<b>Assay (elemental analysis)</b>	81.3% (Nth 15.04 %, Nfd 12.22 %)	
Latest update: December 03, 2012		<b>Analytical Data Sheet</b> Lot number <b>1045720</b>