

# Certificate of Analysis

<b>PRODUCT NAME:</b>	Rad17 derived peptide
<b>STRUCTURE:</b>	H-Ala-Ser-Glu-Leu-Pro-Ala-Ser-Gln-Pro-Gln-Pro-Phe-Ser-Ala-Lys-Lys-Lys-OH  H-ASELPASQPQPFSAKKK-OH
<b>CATALOGUE NUMBER:</b>	SP-050
<b>LOT NUMBER:</b>	0850-C0124
<b>EXPIRY DATE:</b>	AUGUST 2023
<b>QUANTITY:</b>	1mg
<b>PHYSICAL APPEARANCE:</b>	Off-white powder
<b>SALT:</b>	Trifluoroacetic acid
<b>MOLECULAR WEIGHT:</b>	Calculated 1814.07 Found 1814.2 (M + Na) <sup>+</sup> 1836.2
<b>FORMULA:</b>	C <sub>81</sub> H <sub>132</sub> N <sub>22</sub> O <sub>25</sub>
<b>ASSAY DATE:</b>	6 <sup>th</sup> January 2023
<b>PURITY:</b>	5-95% gradient HPLC >99% 10-30% gradient HPLC >70% HPLC shoulders present associated with the -KKK- motif
<b>STORAGE:</b>	Store frozen, dark and desiccated
<b>SOLUBILITY:</b>	Physiological buffers including: PBS (>1mg.mL <sup>-1</sup> ) Soluble in DMSO as a stock.
<b>REFERENCES:</b>	Kim et al (1999) J Biol Chem. <b>274</b> (53) 37538  Charrier et al (2011) J Med Chem. <b>54</b> (7) 2320  Kawasumi et al (2014) Cancer Res. <b>74</b> (24) 7534

**THIS PRODUCT IS NOT FOR HUMAN OR DRUG USE**