

## MATERIAL DATA SHEET

<b>Product name</b>	Proinsulin 90-104
<b>Product number</b>	EP14430
<b>Sequence</b>	H-GIVEQCCTSICSLYQ-OH  H-Gly-Ile-Val-Glu-Gln-Cys-Cys-Thr-Ser-Ile-Cys-Ser-Leu-Tyr-Gln-OH
<b>Molecular formula</b>	C <sub>68</sub> H <sub>111</sub> N <sub>17</sub> O <sub>24</sub> S <sub>3</sub>
<b>average MW</b>	1646.91 Da
<b>Purity (HPLC)</b>	>95 %
<b>Counter ion</b>	TFA
<b>Appearance</b>	White powder
<b>Storage</b>	Store dry at -20°C
<b>Solubility</b>	Dissolve in a minimum amount of pure DMSO (approx. 40µl) and dilute with water to the desired concentration. Please pay attention that the final concentration of DMSO must be below 1% (v/v) to avoid toxicity in the biological system.

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*Latest update: July 19, 2021*