

## Antioxidant peptide A

## Chemical Properties

CAS No. :

Formula: C<sub>31</sub>H<sub>54</sub>N<sub>12</sub>O<sub>7</sub>S<sub>2</sub>

Molecular Weight: 770.97

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Antioxidant peptide A is a short peptide containing alternating aromatic or sulfur-containing amino acids (alternative aromatic or sulfur-containing amino acid).
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2971 mL	6.4853 mL	12.9707 mL
5 mM	0.2594 mL	1.2971 mL	2.5941 mL
10 mM	0.1297 mL	0.6485 mL	1.2971 mL
50 mM	0.0259 mL	0.1297 mL	0.2594 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Kalmodia S, et al. Bio-conjugation of antioxidant peptide on surface-modified gold nanoparticles: a novel approach to enhance the radical scavenging property in cancer cell. Cancer Nanotechnol. 2016;7:1.

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