

Product Information Sheet

Ordering Information

Product Number: 17105

Product Name: Biotin-cAMP conjugate

Unit Size: 100 ug

Storage Conditions: Freeze (<-15 °C), Minimize light exposure

Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Appearance: Solid

Molecular Weight: 988.11

Soluble In: DMSO

Excitation Wavelength: N/A

Emission Wavelength: N/A

Application Notes

Cyclic adenosine monophosphate (cAMP) is a second messenger used for intracellular signal induction. It is synthesized from adenosine triphosphate (ATP) by enzymes (g-proteins) that are attached to metabotropic receptors and become released when the receptor is activated. Cyclic AMP is involved in the regulation of glycogen, sugar, and lipid metabolism. This cAMP-biotin conjugate is an excellent probe that can be used for developing cAMP assays.