

Product Information Sheet

Ordering Information

Product Number: 17102

Product Name: cAMP-NHS ester

Unit Size: 1 mg

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

Expiration Date: 12 months upon receiving

Chemical and Spectral Properties

Appearance: Solid

Molecular Weight: 684.64

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 NHS ester is an excellent building block that can be used for developing cAMP probes and assays.