

cAMP-SP-TAMRA *Red fluorescent PDE IV substrate*

Cat. No. DYE-143 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description	A novel fluorescent cAMP analog (8-[Pharos-575]- adenosine-3", 5"-cyclic monophosphate) was characterized with respect to its spectral properties, its ability to bind to and activate three main isoenzymes of the cAMP-dependent protein kinase (PKA-Ialpha, PKA-IIalpha, PKA-IIbeta) in vitro, its stability towards phosphodiesterase and its ability to permeate into cultured eukaryotic cells using resonance energy transfer based indicators, and conventional fluorescence imaging.
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Ex(nm)	544
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Em(nm)	575
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Storage	Store at -20°C in the dark. Dessicated.
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