

cGMP-SP-TAMRA *Red fluorescent PDE V substrate*

Cat. No. DYE-144 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.
--------------------	---

Ex(nm)	544
---------------	-----

Em(nm)	575
---------------	-----

Storage	Store at -20°C in the dark. Dessicated.
----------------	---

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA