

Cal Green 1 (potassium salt) Biochemical

Cal Green 1 (potassium salt)

CATALOG #
AAA227335

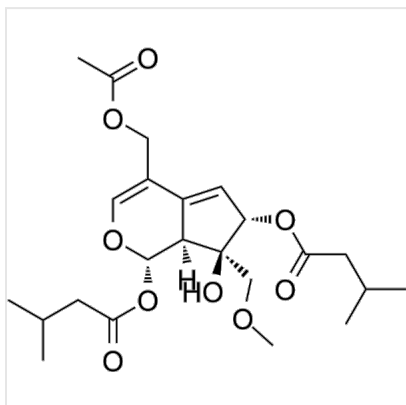
PRODUCT SYNONYMS

Cal Green 1 (potassium salt); Cal Green 1 (potassium salt) biochemical

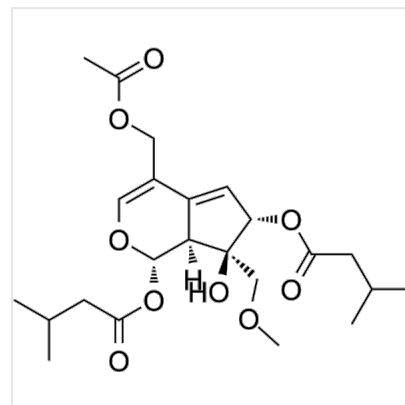
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Valerianoid F, CAS 1427162-60-4



Structure
Valerianoid F, CAS 1427162-60-4

ADDITIONAL INFORMATION

Related Product Information for Cal Green 1 (potassium salt) biochemical	Cal Green 1 is a cell-impermeant fluorescent calcium indicator that is characterized by high quantum yield and low phototoxicity. Its peak excitation and emission wavelengths (506 and 531 nm, respectively) are comparable to standard fluorescein dyes, making Cal Green 1 appropriate for fluorescent microscopy. Cal Green 1 is ~5-fold brighter than fluo-3 at saturating calcium levels.
References	1. Huan Liu, et al. Iridoids from <i>Valeriana jatamansi</i> with anti-inflammatory and antiproliferative properties. <i>Phytochemistry</i> . 2021 Apr;184:112681.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.