

Calcein Red AM Biochemical

Calcein Red AM

CATALOG #
AAA227137

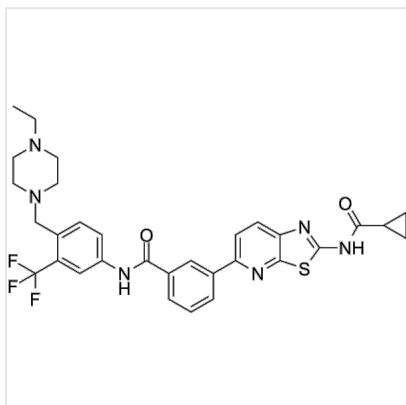
PRODUCT SYNONYMS

Calcein Red AM; Calcein Red AM biochemical

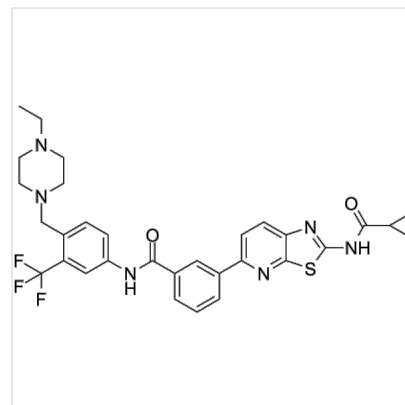
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: 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
HG-7-85-01, CAS 1258391-13-7



Structure
HG-7-85-01, CAS 1258391-13-7

ADDITIONAL INFORMATION

Related Product Information for Calcein Red AM biochemical	Calcein Red AM is a fluorogenic dye that is used to assess cell viability. As the acetoxymethyl ester, Calcein Red AM is non-fluorescent but cell-permeant and is hydrolyzed to the fluorescent probe Calcein Red by intracellular esterases. Calcein Red is retained by living cells and displays excitation/emission maxima of 560/574 nm, respectively. Calcein Red AM is a red-emitting variant of the green fluorophore calcein AM, which has been used to evaluate cell viability and cytotoxicity.
References	1. Ellen Weisberg, et al. Discovery of a Small-Molecule Type II Inhibitor of Wild-Type and Gatekeeper Mutants of BCR-ABL, PDGFRalpha, Kit, and Src Kinases: Novel Type II Inhibitor of Gatekeeper Mutants. Blood. 2010 May 27;115(21):4206-16.

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.