

CDK4/6-IN-5 biochemical

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CATALOG #
AAA228383

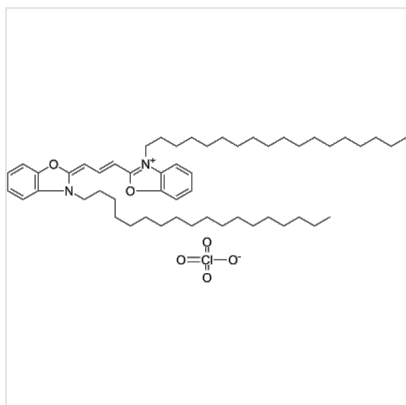
PRODUCT SYNONYMS

CDK4/6-IN-5; DiOC18(3); DiO; CDK4/6-IN-5 biochemical

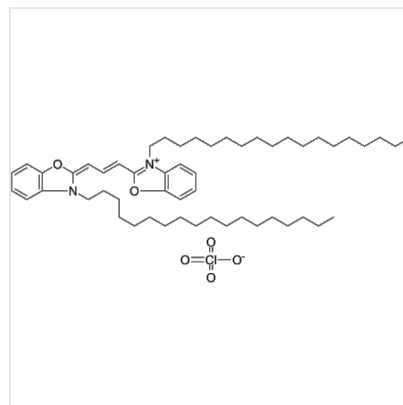
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2380321-50-4
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	The CDK4 and CDK6 cell-based IC 50 s of CDK4/6-IN-5 in JEKO-1 and MV4-1 1 cells are 23.8 and 61.4 nM, respectively[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES


Structure

3,3'-Diocadecyloxacarbocyanine perchlorate, CAS 34215-57-1


Structure

3,3'-Diocadecyloxacarbocyanine perchlorate, CAS 34215-57-1

ADDITIONAL INFORMATION

Related Product Information for CDK4/6-IN-5 biochemical	CDK4/6-IN-5 is a potent CDK4 and CDK6 inhibitor with K _i s of 0.2 and 4.4 nM for CDK4/Cyclin D1 and CDK6/Cyclin D3, respectively. (from patent WO2019207463A1 example A93).
References	- Warren GL, et al. Redistribution of cell membrane probes following contraction-induced injury of mouse soleus muscle. - Bhowmik BB, et al. Photophysical studies of 3,3' diocadecyloxacarbocyanine dye in model biological membranes and different solvents. Chem Phys Lipids. 2001 Feb;109(2):175-83.

NCBI AND UNIPROT INFORMATION

Molecular Weight	881.72
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/cdk4-6-in-5/228383>