

Janelia Fluor 669, SE Biochemical

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CATALOG #
AAA228138

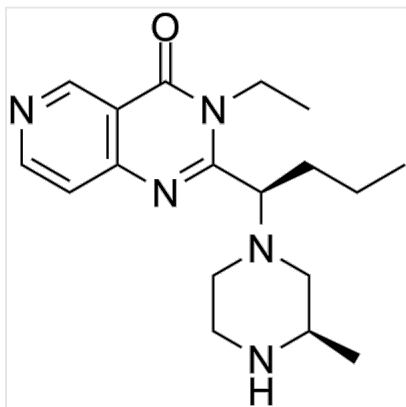
PRODUCT SYNONYMS

Janelia Fluor 669; SE; SE biochemical

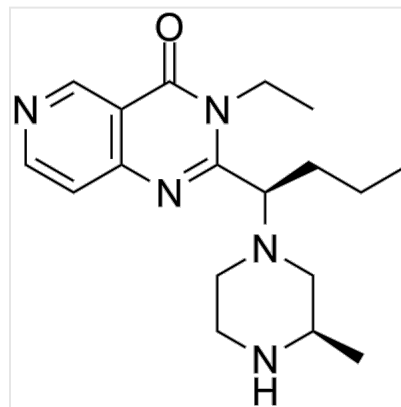
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2127150-20-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	JF669 undergoes rapid conversion to thioether product (<5 min to completion) in organic solvents, where the dye predominantly adopts the closed form[1]. JF669 displays comparatively excellent photostability, retaining 97% fluorescence after the same number of cycles[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Cavalpha2delta-IN-1, CAS 2416957-09-8



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ADDITIONAL INFORMATION

Related Product Information for Janelia Fluor 669, SE biochemical	Janelia Fluor 669, SE (JF669, SE), a red fluorescent dye, can be directly reacted with the available thiol-containing HaloTag ligand under mild conditions (DIEA, DMF) to afford a JF669 HaloTag ligand in a single step (Ex = 669 nm; Em = 682 nm). Janelia Fluor products are licensed under U.S. Pat. Nos. 9,933,417, 10,018,624 and 10,161,932 and other patents from Howard Hughes Medical Institute.
References	1. Fernández A, et al. PiperazinyI Bicyclic Derivatives as Selective Ligands of the alpha2delta-1 Subunit of Voltage-Gated Calcium Channels. ACS Med Chem Lett. 2021 Oct 5;12(11):1802-1809.

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.

