

PA Janelia Fluor 646, SE Biochemical

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CATALOG #
AAA228092

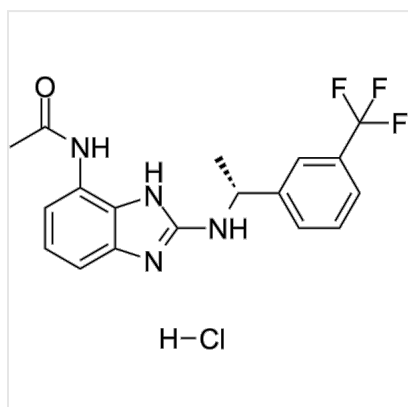
PRODUCT SYNONYMS

PA Janelia Fluor 646; SE; SE biochemical

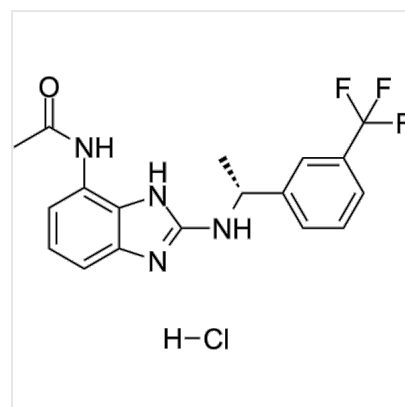
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2093120-32-0
Solubility	<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
AP14145 hydrochloride, CAS 2387505-59-9



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ADDITIONAL INFORMATION

Related Product Information for PA Janelia Fluor 646, SE biochemical	PA Janelia Fluor 646, SE (PA-JF646-NHS), a photoactivatable fluorescent dye, is an NHS ester for coupling to primary amine groups. PA-JF646-NHS is non-fluorescent until activated at 365 nm. NHS ester can be converted to relevant substrate for use in self-labeling tag systems, e.g. HaloTag and SNAP-tag. PA-JF646-NHS is used for single molecule tracking and super resolution microscopy in live cells, specifically live cell sptPALM and fixed cell PALM. (lambda Excitation/emission ~650/664 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. Rafel Simó-Vicens, et al. A New Negative Allosteric Modulator, AP14145, for the Study of Small Conductance Calcium-Activated Potassium (K Ca 2) Channels. Br J Pharmacol. 2017 Dec;174(23):4396-4408. 2. Jonas Goldin Diness, et al. Termination of Vernakalant-Resistant Atrial Fibrillation by Inhibition of Small-Conductance Ca 2+ -Activated K + Channels in Pigs. Circ Arrhythm Electrophysiol. 2017 Oct;10(10):e005125.

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.

