

BODIPY FL VH032 Biochemical | BODIPYFLVH032 biochemical

BODIPY FL VH032

CATALOG #
AAA228967

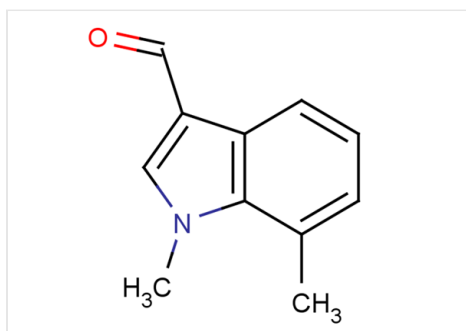
PRODUCT SYNONYMS

BODIPY FL VH032; BODIPYFLVH032 biochemical

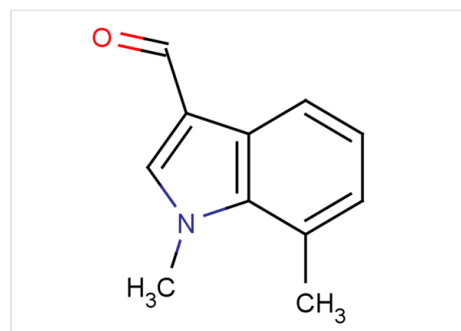
PRODUCT SPECIFICATIONS

Purity/Purification	98%
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
1,7-dimethyl-1H-indole-3-carbaldehyde, CAS 164353-61-1



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ADDITIONAL INFORMATION

Related Product Information for BODIPYFLVH032 biochemical	BODIPY FL VH032 is a high-affinity VHL fluorescent probe ($K_d = 3.01$ nM) with application in time-resolved fluorescence resonance energy-transfer (TR-FRET) assays for high-throughput identification and characterization of VHL ligands. BODIPY FL VH032 consists of a derivative of von Hippel-Lindau (VHL) ligand VH 032 and a fluorophore BODIPY FL (with excitation peak at 504 nm and emission peak at 520 nm), joined by a polyethylene glycol (PEG) 4 linker. The BODIPY FL VH032 VHL TR-FRET signal is stable through the 90 - 300 min incubation time, and the TR-FRET binding assay is sensitive, selective and resistant to assay interference. BODIPY FL VH032 also exhibits high VHL affinity in a fluorescence polarization (FP) assay. Excitation maximum ~ 504 nm; emission maximum ~ 520 nm.
Product Categories/Family for BODIPYFLVH032 biochemical	Others

NCBI AND UNIPROT INFORMATION

Molecular Weight	173.21
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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.

