

Hoechst 33342 analog trihydrochloride Biochemical

Hoechst 33342 analog trihydrochloride

CATALOG #
AAA227809

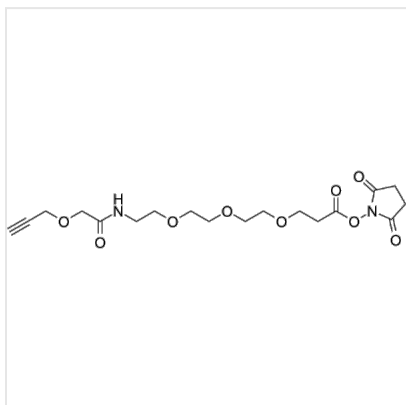
PRODUCT SYNONYMS

Hoechst 33342 analog trihydrochloride; Hoechst 33342 analog trihydrochloride biochemical

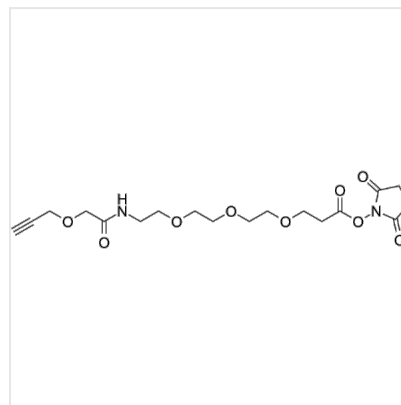
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	159277-19-7
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Hoechst 33342 binds to adenine-thymine-rich regions of DNA in the minor groove. Hoechst 33342 labels nuclear DNA of cells grown in culture. Image the cells (lambda ex ~353 nm, lambda em ~483 nm for Hoechst 33342)[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Propargyl-O-C1-amido-PEG3-C2-NHS ester, CAS 2101206-78-2



Structure
Propargyl-O-C1-amido-PEG3-C2-NHS ester, CAS 2101206-78-2

ADDITIONAL INFORMATION

Related Product Information for Hoechst 33342 analog trihydrochloride biochemical	Hoechst 33342 analog trihydrochloride is an analog of Hoechst 33342, which is a DNA minor groove binder used as a fluorochrome for visualizing cellular DNA.
References	1. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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.