

AV-153 biochemical

AV-153

CATALOG #
AAA228613

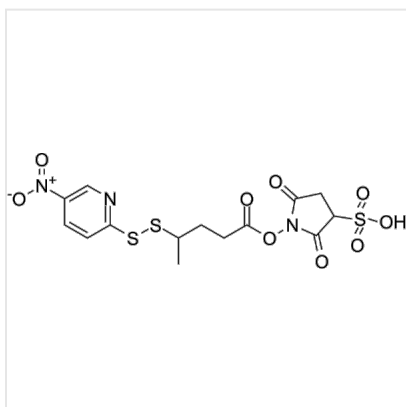
PRODUCT SYNONYMS

AV-153; AV-153 biochemical

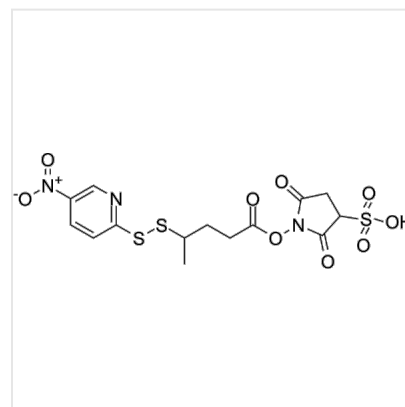
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	27296-05-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	AV-153 causes IC 50 s for Raji and HL-60 cells of 14.9 mM and 10.3 mM, respectively[1]. AV-153 (1 nM to 10 uM; 3 hours) reduces the level of spontaneously arising DNA single-strand breaks (SSBs) in peripheral blood lymphocytes or HL-60 cells by 13-67%[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
NO2-SPP-sulfo, CAS 663598-66-1



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ADDITIONAL INFORMATION

Related Product Information for AV-153 biochemical	AV-153, a 1,4-dihydropyridine (1,4-DHP) derivative, is an antimutagenic. AV-153 intercalates to DNA in a single strand break and reduces DNA damage, stimulates DNA repair in human cells in vitro. AV-153 interacts with thymine and cytosine and has an influence on poly(ADP)ribosylation. AV-153 has anti-cancer activity.
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.