

Resorufin benzyl ether Biochemical

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CATALOG #
AAA227338

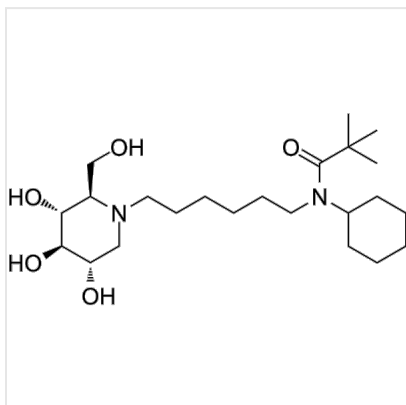
PRODUCT SYNONYMS

Resorufin benzyl ether; Resorufin benzyl ether biochemical

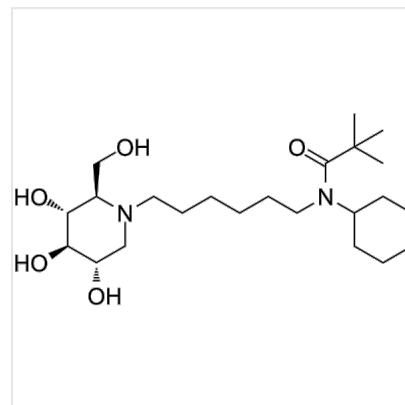
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 0.3mg/mL <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
IHVR-17028, CAS 1428247-78-2



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ADDITIONAL INFORMATION

Related Product Information for Resorufin benzyl ether biochemical	Resorufin benzyl ether is a fluorometric probe that acts as a substrate for cytochrome P450 (CYP)3A4. It is typically used near its apparent Km value of 30 uM to screen the inhibition/activation potential of test compounds, to predict potential drug-drug interactions, or to monitor other CYP450 activities. Upon enzyme cleavage, resorufin benzyl ether generates a red fluorescent product (ex. 571 nm/em. 585 nm).
References	1. Jinhong Chang, et al. Small molecule inhibitors of ER alpha-glucosidases are active against multiple hemorrhagic fever viruses. Antiviral Res. 2013 Jun;98(3):432-40.

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.