

BCR-ABL-IN-3 biochemical

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CATALOG #
AAA228238

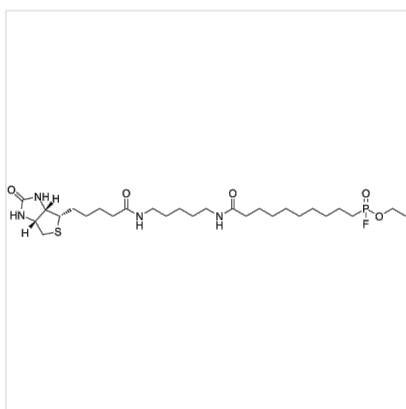
PRODUCT SYNONYMS

BCR-ABL-IN-3; BCR-ABL-IN-3 biochemical

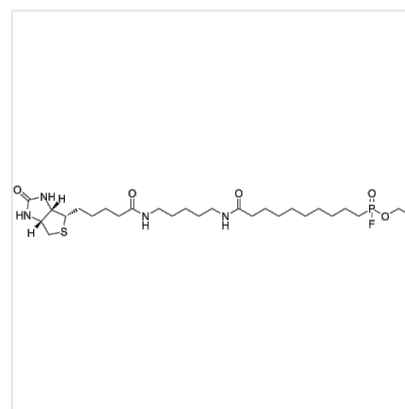
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2240191-12-0
Targets&IC50	Ba/F 3 Bcr-Abl T3151:<=100 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	BCR-ABL-IN-3 (compound 7; 15 mg/kg; twice a day; for 19 days) has good antitumor effect in female NOD/SCID mice of 7-8 weeks weighing 21.8 g with Ba/F 3 Bcr-Abl T3151 cells[1]. BCR-ABL-IN-3 (2 mg/kg for IV or 20mg/kg for PO) has a C max of 5485 ng/mL and an AUC of 5450 h/ng/mL for IV in male Sprague Dawley rats of 7-8 weeks old weighing 210 g[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
FP-Biotin, CAS 259270-28-5



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ADDITIONAL INFORMATION

Related Product Information for BCR-ABL-IN-3 biochemical	BCR-ABL-IN-3 is a potent and irreversible Bcr-Abl inhibitor with an IC 50 of <=100 nM for Ba/F 3 Bcr-Abl T3151. BCR-ABL-IN-3 has anti-cancer activity.
References	- Schopfer LM, et al. Reaction kinetics of biotinylated organophosphorus toxicant, FP-biotin, with human acetylcholinesterase and human butyrylcholinesterase. Chem Res Toxicol. 2005;18(4):747-754. - Baggelaar MP, et al. Chemical Proteomics Maps Brain Region Specific Activity of Endocannabinoid Hydrolases. ACS Chem Biol. 2017;12(3):852-861. - Grigoryan H, et al. Covalent binding of the organophosphorus agent FP-biotin to tyrosine in eight proteins that have no active site serine. Chem Biol Interact. 2009;180(3):492-498.

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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/bcr-abl-in-3/228238>