

FP-Biotin Biochemical

FP-Biotin

CATALOG #
AAA228523

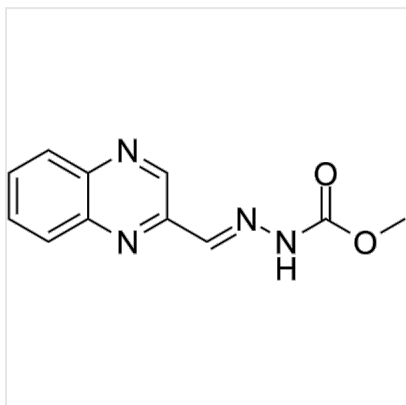
PRODUCT SYNONYMS

FP-Biotin; FP-Biotin biochemical

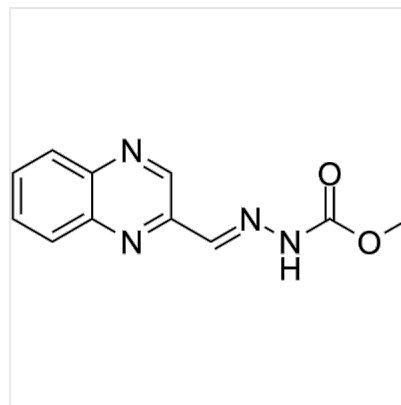
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	259270-28-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	FP-biotin has good reactivity with human AChE and BChE despite its large biotin group. FP-biotin is suitable for the proposed task of identifying organophosphorus toxicants reactive proteins[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Desoxycarbadox, CAS 55456-55-8



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ADDITIONAL INFORMATION

Related Product Information for FP-Biotin biochemical	FP-biotin is a potent organophosphorus toxicant, well-suited for searching for new biomarkers of organophosphorus toxicants exposure. FP-Biotin quantifies FAAH, ABHD6, and MAG-lipase activity. FP-biotin is used for studies with plasma because biotinylated peptides are readily purified by binding to immobilized avidin beads.
References	1. MacIntosh AI, et al. Liquid chromatographic monitoring of the depletion of carbadox and its metabolite desoxycarbadox in swine tissues. J Assoc Off Anal Chem. 1985;68(4):665-671. 2. Looft T, et al. Carbadox has both temporary and lasting effects on the swine gut microbiota. Front Microbiol. 2014;5:276. Published 2014 Jun 10. 3. Zhang K, et al. Investigation of quinocetone-induced mitochondrial damage and apoptosis in HepG2 cells and compared with its metabolites. Environ Toxicol Pharmacol. 2015;39(2):555-567.

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/fp-biotin/228523>