

N-desethyl Brinzolamide (oxalate) Biochemical

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CATALOG #
AAA227067

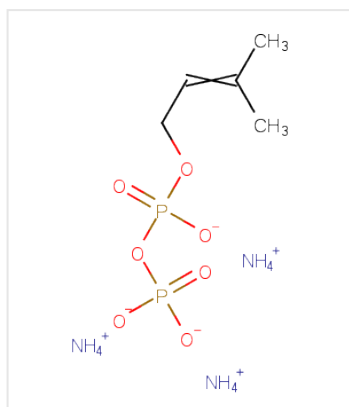
PRODUCT SYNONYMS

N-desethyl Brinzolamide (oxalate); Dimethylallyl diphosphate triammonium; N-desethyl Brinzolamide (oxalate) biochemical

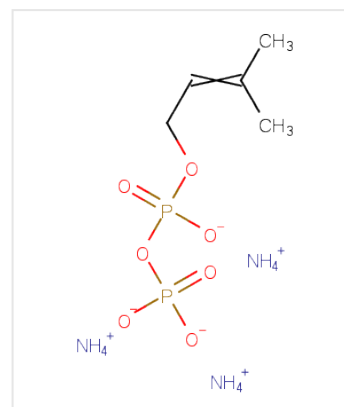
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: Soluble <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

Dimethylallyl Pyrophosphate triammonium salt, CAS 1186-30-7


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ADDITIONAL INFORMATION

Related Product Information for N-desethyl Brinzolamide (oxalate) biochemical	N-desethyl Brinzolamide is an active metabolite of the carbonic anhydrase (CA) inhibitor brinzolamide. It inhibits CAII and CAIV activities (IC50s = 1.28 and 128 nM, respectively).
References	1. Wang W, et al. Bioorganometallic chemistry with IspG and IspH: structure, function, and inhibition of the [Fe(4)S(4)] proteins involved in isoprenoid biosynthesis. Angew Chem Int Ed Engl. 2014;53(17):4294-4310.

NCBI AND UNIPROT INFORMATION

Molecular Weight	297.185
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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.