

NCT 501 hydrochloride Biochemical | NCT501 biochemical

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CATALOG #
AAA228964

PRODUCT SYNONYMS

NCT 501 hydrochloride; NCT501 biochemical

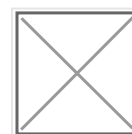
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<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
5,6-Epoxyergosterol, CAS 23637-31-2



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ADDITIONAL INFORMATION

Related Product Information for NCT501 biochemical	NCT 501 hydrochloride is a potent and selective ALDH1A1 inhibitor (IC ₅₀ = 40 nM). Exhibits 1000-fold selectivity for ALDH1A1 over ALDH3A1, ALDH1B1, ALDH2, HPGD and HSD17beta4. Also selective over a panel of 168 GPCRs. Blood-brain barrier permeable.
Product Categories/Family for NCT501 biochemical	Others
References	1. Zhu X, et al. Neuroprotective Activities of Constituents from Phyllosticta capitalensis, an Endophyte Fungus of Loropetalum chinense var. rubrum. Chem Biodivers. 2021 Aug;18(8):e2100314.

NCBI AND UNIPROT INFORMATION

Molecular Weight	412.65
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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.

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Online datasheet: <https://stage.aaabiotech.com/nct501-biochemical/nct-501-hydrochloride/228964>