

Rhodamine-N3 chloride Biochemical

Rhodamine-N3 chloride

CATALOG #
AAA228348

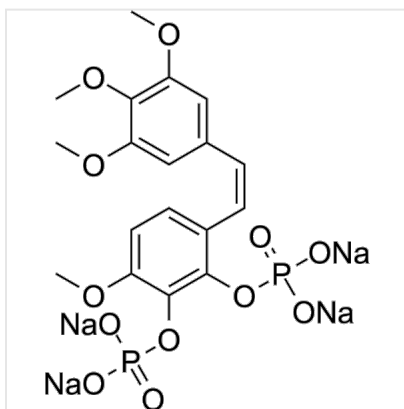
PRODUCT SYNONYMS

Rhodamine-N3 chloride; Oxi-4503 tetrasodium; Rhodamine-N3 chloride biochemical

PRODUCT SPECIFICATIONS

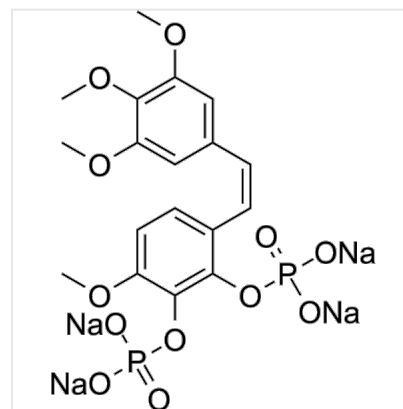
Purity/Purification	98%
CAS	2363751-90-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	The cell lysates or cells are treated with probes (0.001-10 uM, 1 hr), and then reacted with an Rhodamine-N3 (N3-Rh) reporter tag under copper-catalyzed azide-alkyne cycloaddition (CuACC or click chemistry) conditions and probe-labeled proteins visualized by SDS-PAGE and in-gel fluorescence scanning[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

Combretastatin A-1 phosphate tetrasodium, CAS 288847-34-7



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Combretastatin A-1 phosphate tetrasodium, CAS 288847-34-7

ADDITIONAL INFORMATION

Related Product Information for Rhodamine-N3 chloride biochemical	Rhodamine-N3 chloride is an azide-rhodamine fluorescent dye that can be used to label biomolecules containing alkyne groups.
References	- Stratford MRL, et, al. Quantitative determination of the anticancer prodrug combretastatin A1 phosphate (OXi4503, CA1P), the active CA1 and its glucuronide metabolites in human urine and of CA1 in plasma by HPLC with mass spectrometric detection. J Chromatogr B Analyt Technol Biomed Life Sci. 2012 Jun 1;898:1-6. - Mao J, et, al. Combretastatin A-1 phosphate, a microtubule inhibitor, acts on both hepatocellular carcinoma cells and tumor-associated macrophages by inhibiting the Wnt/beta-catenin pathway. Cancer Lett. 2016 Sep 28;380(1):134-43. - Holwell SE, et, al. Anti-tumor and anti-vascular effects of the novel tubulin-binding agent combretastatin A-1 phosphate. Anticancer Res. Nov-Dec 2002;22(6C):3933-40.

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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/rhodamine-n3-chloride/228348>