

DMNPE-4 AM-caged-calcium Biochemical | DMNPE-4AM biochemical

DMNPE-4 AM-caged-calcium

CATALOG #
AAA228275

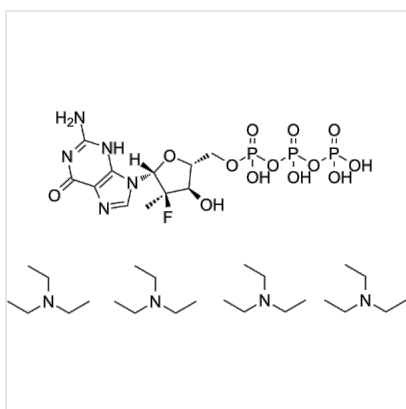
PRODUCT SYNONYMS

DMNPE-4 AM-caged-calcium; DMNPE-4AM biochemical

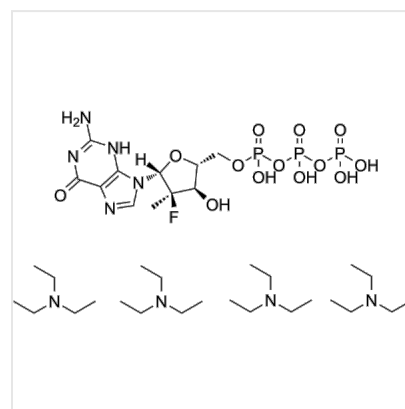
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2253744-58-8
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
AT-9010 triethylamine, CAS 2648089-95-4



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ADDITIONAL INFORMATION

Related Product Information for DMNPE-4AM biochemical	DMNPE-4 AM-caged-calcium, photolabile analogues of EGTA, is an extremely effective Ca ²⁺ selective cage, with a K _d for Ca ²⁺ of 48 nM and 19 nM at pH 7.2 and pH 7.4, respectively. DMNPE-4 AM-caged-calcium has a lower affinity for Ca ²⁺ (K _d ≈ 2 nM) after photolysis.
References	1. Atea Pharmaceuticals Announces Publication of Preclinical Data Highlighting Potent Activity of AT-527 Against SARS-CoV-2. BOSTON, Feb. 08, 2021. Atea Pharmaceuticals, Inc.

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.