

SENP1-IN-3 biochemical

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CATALOG #
AAA228425

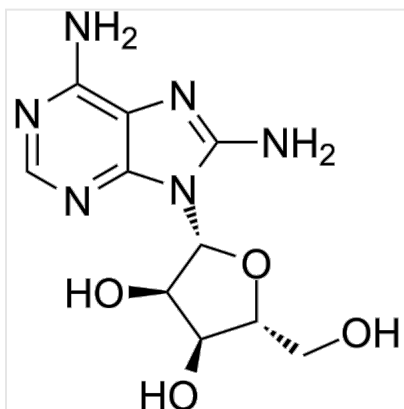
PRODUCT SYNONYMS

SENP1-IN-3; 8-NH₂-Ado; SENP1-IN-3 biochemical

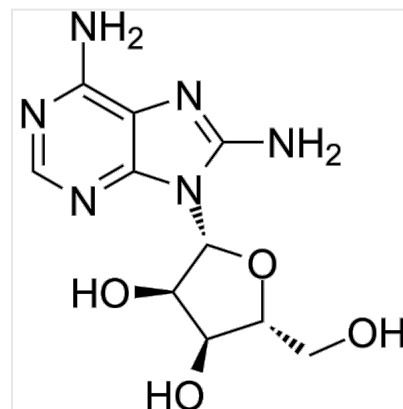
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2416910-59-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	SENP1-IN-3 improves the sensitivity of tumor cells to irradiation[1]. SENP1-IN-3 (0.7-20 uM; 72 hours) has cytotoxic for Hella cells with an IC 50 of 20uM[1]. Cell Cytotoxicity Assay[1]Cell Line: Hela cells Concentration: 0.7 uM, 2.2 uM, 6.6 uM, 20 uM Incubation Time: 72 hours. Result: IC 50 20 uM
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
8-Aminoadenosine, CAS 3868-33-5



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ADDITIONAL INFORMATION

Related Product Information for SENP1-IN-3 biochemical	SENP1-IN-3 is a specific deSUMOylation protease 1 (SENP1) inhibitor extracted from patent CN110627860, Compound 17. SENP1-IN-3 is developed for tumor radiosensitivity enhancement.
References	1. Mala Shanmugam, et al. Targeting glucose consumption and autophagy in myeloma with the novel nucleoside analogue 8-aminoadenosine. J Biol Chem. 2009 Sep 25;284(39):26816-30. 2. Alla Polotskaia, et al. 8-Amino-adenosine activates p53-independent cell death of metastatic breast cancers. Mol Cancer Ther. 2012 Nov;11(11):2495-504. 3. Jennifer Ann Frey, et al. 8-Amino-adenosine inhibits multiple mechanisms of transcription. Mol Cancer Ther. 2010 Jan;9(1):236-45.

NCBI AND UNIPROT INFORMATION

Molecular Weight	282.26
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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://www.aaabiotech.com/biochemical/senp1-in-3/228425>