

## SENP1-IN-2 biochemical

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CATALOG #  
AAA228427

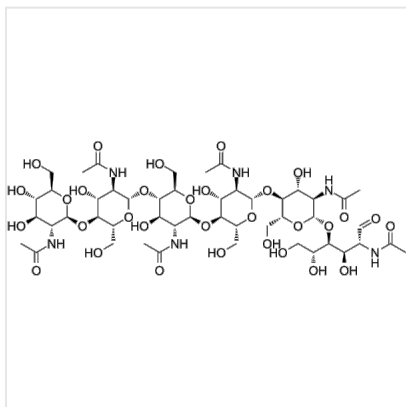
### PRODUCT SYNONYMS

SENP1-IN-2; SENP1-IN-2 biochemical

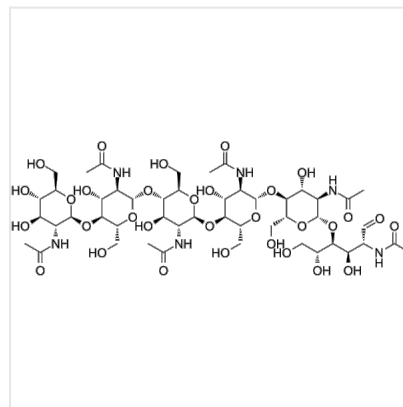
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                             |
| CAS                     | 2416910-70-6                                                                                                                                                                                                                                                                                                    |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                     |
| In vitro                | SENP1-IN-2 may improve the sensitivity of tumor cells to irradiation[1]. SENP1-IN-2 (0.7-20 uM; 72 hours) has cytotoxic for Hella cells with an IC 50 of 20 uM[1]. Cell Cytotoxicity Assay[1]Cell Line: Hela cells Concentration: 0.7 u M, 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<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                                                                        |

### IMAGES



Structure  
Hexa-N-acetylchitohexaose, CAS 38854-46-5



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Hexa-N-acetylchitohexaose, CAS 38854-46-5

### ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SENP1-IN-2 biochemical | SENP1-IN-2 is a specific deSUMOylation protease 1 (SENP1) inhibitor extracted from patent CN110627860, Compound 30. SENP1-IN-2 is developed for tumor radiosensitivity enhancement.                                                                                                                                                                                                                                             |
| References                                             | <ol style="list-style-type: none"> <li>Li K, et al. Access to N-Acetylated Chitohexaose with Well-Defined Degrees of Acetylation. Biomed Res Int. 2017;2017:2486515.</li> <li>David C. Phillips. THE HEN EGG-WHITE LYSOZYME MOLECULE. Proc Natl Acad Sci U S A. 1967 Mar; 57(3): 483-495.</li> <li>Suzuki K, et al. Antitumor effect of hexa-N-acetylchitohexaose and chitohexaose. Carbohydr Res. 1986;151:403-408.</li> </ol> |

NCBI AND UNIPROT INFORMATION

|                  |          |
|------------------|----------|
| Molecular Weight | 1237.179 |
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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/biochemical/senp1-in-2/228427>