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**Product Data Sheet**

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Product Name: SENP1-IN-1

Cat. No.: GC65469

**Chemical Properties**

Cas. No. 2416910-69-3

Formula C<sub>35</sub>H<sub>58</sub>N<sub>2</sub>O<sub>4</sub> M.Wt 570.85

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

SENP1-IN-1 is a specific deSUMOylation protease 1 (SENP1) inhibitor extracted from patent CN110627860, Compound 29. SENP1-IN-1 is developed for tumor radiosensitivity enhancement[1].

SENP1-IN-1 may improve the sensitivity of tumor cells to irradiation[1]. SENP1-IN-1 (0.7-20 μM; 72 hours) has cytotoxic for Hella cells with an IC<sub>50</sub> of >20μM[1].

[1]. Li, Yiliang, et al. Preparation of ursolic acid derivatives useful as SENP1 inhibitors and tumor radiosensitizer. CN110627860A.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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