

Product Data Sheet

Product Name: USP7-IN-7

Cat. No.: GC70101

Chemical Properties

Cas. No. 2413944-70-2

Formula $C_{27}H_{28}ClN_3O_3S$

M.Wt 510.05

Solubility DMSO : 75 mg/mL (147.04 mM); ultrasonic and warming and heat to 60°C)

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

USP7-IN-7 (compound 124) is a **USP7** inhibitor with an **IC₅₀** value <10 nM. USP7-IN-7 shows cytotoxicity against p53-mutant cancer research^[1].

USP7-IN-7 (0-1 μM) p53 M07e OCI-AML5 MOLM13 MM.IS CC₅₀ 0.2 0.2 0.4 0.1 μM^[1]

USP7-IN-7 (0-2 μM) p53 SH-SY5Y CHP-134 NB-1 CC₅₀ 1.9 0.6 0.5 μM^[1]

USP7-IN-7 (0-25 μM) p53 H526 LA-N-2 SK-N-DZ CC₅₀ 0.5 0.2 0.2 μM^[1]

[1]. Biannic, Berenger, et al. UBIQUITIN-SPECIFIC-PROCESSING PROTEASE 7 (USP7) MODULATORS AND USES THEREOF. US20200095260. 2019.

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

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