

Product Data Sheet

Product Name: PROTAC survivin degrader-1

Cat. No.: GC80875

Chemical Properties

Cas. No. 3079079-69-6

Formula $C_{48}H_{43}ClFN_7O_7$

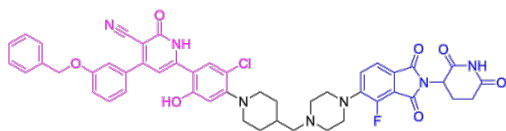
M.Wt 884.35

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

PROTAC survivin degrader-1 is an orally active, CNS-penetrant survivin -targeting PROTAC. PROTAC survivin degrader-1 induces degradation of survivin via the ubiquitin proteasome system. PROTAC survivin degrader-1 can be used for the research of glioblastoma^[1]. (Pink: Survivin ligand; Blue: Cereblon ligand; Black: linker).

In Vitro, PROTAC survivin degrader-1 (compound 11) (0.03-3 µM; 24 h) reduces survivin protein levels in U87 and CL261 glioblastoma cells^[1]. PROTAC survivin degrader-1 (0.01-1.0 µM; 48 h) induces a DNA damage response in GL261 glioblastoma cells and potentiates the DNA damage, cell

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

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killing, and apoptotic effects of 2Gy irradiation^[1]. PROTAC survivin degrader-1 (0.5 μ M; 2 weeks) potentiates the cytotoxic effect of 0Gy, 2Gy, 4Gy, 6Gy, and 8Gy irradiation in GL261 glioblastoma cells^[1]. PROTAC survivin degrader-1 (10-100 nM; 24 h) induces proteasome-dependent survivin degradation in U87 glioblastoma cells^[1].

References:

[1]. Shuhua Zheng, et al. Survivin-targeted compounds. WO2025063888A1.

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