

Product Data Sheet

Product Name: rel-PROTAC PARP1 degrader

Cat. No.: GC72849

Chemical Properties

Cas. No.

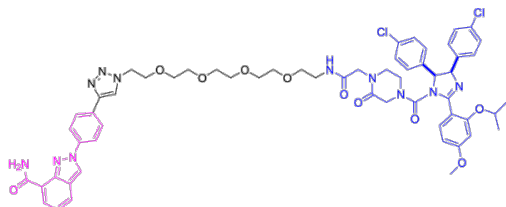
Formula $C_{58}H_{63}Cl_2N_{11}O_{10}$ M.Wt 1145.09

Solubility DMSO : 110 mg/mL (96.06 mM; Storage -20°C
Need ultrasonic)

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

rel-PROTAC PARP1 degrader is the relative configuration of ROTAC PARP1 degrader . ROTAC

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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PARP1 degrader is a PARP1 degrader based on MDM2 E3 ligand. It induces significant PARP1 cleavage and programmed cell death. PROTAC PARP1 degrader at 10 μ M at 24 h inhibits MDA-MB-231 cell line with an IC₅₀ of 6.12 μ M.

References:

[1]. Zhao Q, et al. Induction of apoptosis in MDA-MB-231 breast cancer cells by a PARP1-targeting PROTAC small molecule. Chem Commun (Camb). 2019 Jan 2;55(3):369-372.

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