
Product Data Sheet

Product Name: PROTAC PARP1 degrader

Cat. No.: GC65147

Chemical Properties

Cas. No. 2369022-68-2

Formula C₅₈H₆₃Cl₂N₁₁O₁₀

M.Wt

1145.09

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 **Protocol**

PARP1 MDM2

Background

PROTAC 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 μM at 24 h inhibits MDA-MB-231 cell line with an IC₅₀ of 6.12 μM.

[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.

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

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