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## Product Data Sheet

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Product Name: PROTAC Bcl-xL degrader-2

Cat. No.: GC63769

### Chemical Properties

Cas. No.

Formula  $C_{68}H_{80}N_8O_{14}S_3$  M.Wt 1329.6

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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 Bcl-xL degrader-2 is a potent Bcl-xL (Bcl-2 family member) degrader based on von Hippel-Lindau ligand, with an  $IC_{50}$  of 0.6 nM.

PROTAC Bcl-xL degrader-2 (PROTAC 6; 0.1 nM-10  $\mu$ M; 24 hours) treatment decreases the level of Bcl-xL protein in THP-1 cells[1]. PROTAC Bcl-xL degrader-2 (PROTAC 6) inhibits caspase 3/7 activity in MOLT-4 cells with an  $IC_{50}$  of 466 nM[1].

[1]. Chun-Wa Chung, et al. Structural Insights into PROTAC-Mediated Degradation of Bcl-xL. ACS Chem Biol. 2020 Sep 18;15(9):2316-2323.

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

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