

Product Data Sheet

Product Name: PROTAC BCR-ABL Degradar-1

Cat. No.: GC73444

Chemical Properties

Cas. No.

Formula $C_{43}H_{40}N_{10}O_6$ M.Wt 792.84

Solubility DMSO : 100 mg/mL (126.13 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.

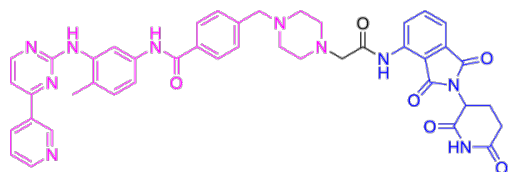
Caution: Product has not been fully validated for medical applications. For research use only.

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Structure



Background

PROTAC BCR-ABL Degradator-1 (compound PROTAC 1) is a PROTAC with a 2-oxoethyl linker. PROTAC BCR-ABL Degradator-1 induces Bcr-Abl degradation in a ubiquitinproteasom-dependent manner. PROTAC BCR-ABL Degradator-1 exhibits antiproliferative activity against K562 cells, and has the potential to study cancer.

References:

[1]. Li C, et al. Proteolysis Targeting Chimeras (PROTACs) Based on Imatinib Induced Degradation of BCR-ABL in K562 Cells. ChemistrySelect, 2023, 8(15): e202300095.

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