
Product Data Sheet

Product Name: E3 ligase Ligand-Linker Conjugates 51

Cat. No.: GC35958

Chemical Properties

Cas. No.

SMILES COCCOCC(N[C@H](C(C)(C)C)C(N1[C@H](C(NCC2=CC=C(C3=C(C)N=CS3)C=C2)=O)C[C@@H](O)C1)=O

Formula	C ₂₇ H ₃₈ N ₄ O ₆ S	M.Wt	546.68
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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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**

E3 ligase Ligand-Linker Conjugates 51 incorporates a VHL ligand for the E3 ubiquitin ligase, and a PROTAC linker. E3 ligase Ligand-Linker Conjugates 51 can be used to design BCR-ABL1 PROTAC degrader GMB-475. GMB-475 induces the degradation of BCR-ABL1 with an IC₅₀ of 1.11 μM in Ba/F3 cells[1]. VHL

[1]. Burslem GM, et al. Targeting BCR-ABL1 in Chronic Myeloid Leukemia by PROTAC-mediated Targeted Protein Degradation. Cancer Res. 2019 Jul 16. pii: canres.1236.2019.

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

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