

Product Data Sheet

Product Name: FKBP12 PROTAC dTAG-7

Cat. No.: GC39289

Chemical Properties

Cas. No. 2064175-32-0

SMILES O=C([C@H]1N(C([C@H](C2=CC(OC)=C(OC)C(OC)=C2)CC)=O)CCCC1)O[C@@H](C3=CC=CC=C3OCC(NCCCOCCOCCOCCCN(COC4=CC=CC(C(N5C(CC6)C(NC6=O)=O)=O)=C4C5=O)=O)=O)CCC7=CC=C(OC)C(OC)=C7

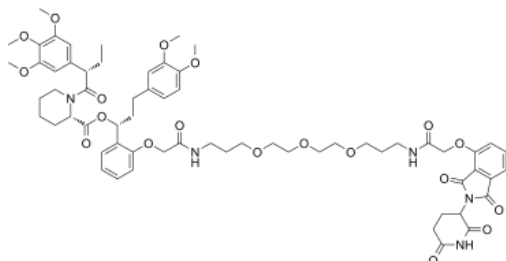
Formula $C_{63}H_{79}N_5O_{19}$ M.Wt 1210.32

Solubility Soluble in DMSO 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



Background

FKBP12 PROTAC dTAG-7 (dTAG-7) is a heterobifunctional degrader. FKBP12 PROTAC dTAG-7 (dTAG-7) is a degrader of FKBP12F36V with expression of FKBP12F36V in-frame with a protein of interest. FKBP12 PROTAC dTAG-7 (dTAG-7) also is a selective degrader of BET bromodomain transcriptional co-activator BRD4 by bridging BET bromodomains to an E3 ubiquitin ligase CRBN[1].

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

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[1]. Nabet B, et al. The dTAG system for immediate and target-specific protein degradation. Nat Chem Biol. 2018 May;14(5):431-441.

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