

Product Data Sheet

Product Name: dTAGV-1 TFA

Cat. No.: GC50756

Chemical Properties

Cas. No. 2624313-15-9

SMILES C[C@H](NC([C@@H]1C[C@@H](O)CN1C([C@@H](NC(CCCCCNC(COC2=CC=CC=C2[C@H](OC([C@@H]3CCCCN3C([C@@H](CC)C4=CC(OC)=C(OC)C(OC)=C4)=O)=O)CCC5=CC(OC)=C(OC)C=C5)=O)=O)C(C)(C)C=O)=O)C6=CC=C(C=C6)C7=C(N=CS7)C.OC(C(F)(F)F)=O

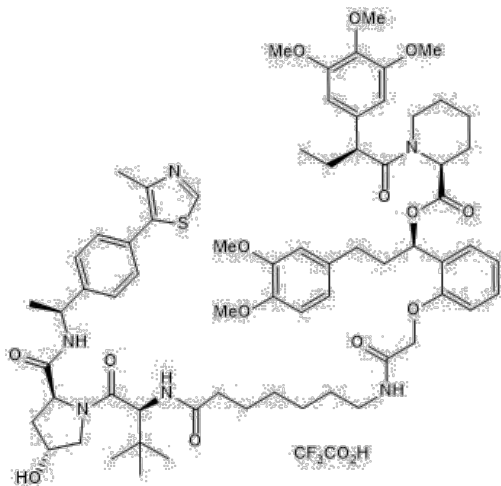
Formula C₆₈H₉₀N₆O₁₄S CF₃CO₂H M.Wt 1361.58

Solubility DMSO|136.16|100| Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Degrader targeting mutant FKBP12F36V fusion proteins. Comprises a ligand selective for F36V single-point mutated FKBP12, a linker and a von Hippel-Lindau (VHL)-binding ligand. Induces potent and selective degradation of FKBP12F36V fusion proteins in vitro and in vivo. Selectively degrades FKBP12F36V-EWS/FLI fusion proteins and inhibits cell proliferation in FKBP12F36V-EWS/FLI-

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

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expressing Ewing sarcoma cells. Hydrochloride salt available; suitable for in vivo use. Negative control dTAGV-1-NEG also available. FKBP12F36V can be expressed as a fusion with a target protein of interest using genome engineering techniques, via transgene expression or CRISPR-mediated locus-specific knock-in. Custom knock-in cell lines for the dTAG and aTAG platforms are available from our sister brand R&D Systems. Email TPD@bio-technie.com to enquire. Plasmid vectors for the lentiviral expression and CRISPR-mediated knock-in of FKBP12F36V are available from Addgene.

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