

Product Datasheet

dTAGV-1 hydrochloride

Catalog No. **BP-00771A** · CAS **2624313-16-0** · Form **salt · hydrochloride** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

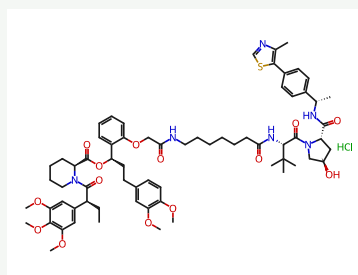
FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target PROTACs; FKBP	Research area Cancer
--------------------------------	--------------------------------

Molecular formula **C₆₈H₉₁ClN₆O₁₄S**

Molecular weight **1284.0000**

STRUCTURE



DESCRIPTION

dTAGV-1 hydrochloride is a selective FKBP12 F36V PROTAC degrader. dTAGV-1 hydrochloride induces rapid degradation of FKBP12 F36V-tagged oncogenic fusion proteins, triggering collapse of downstream cellular signaling pathways, reduced proliferative capacity of cancer cells, and decreased levels of target proteins. dTAGV-1 hydrochloride is applicable to functional validation studies of cancer and undegradable oncoproteins .

BIOLOGICAL ACTIVITY

dTAGV-1 hydrochloride is the hydrochloride form of dTAGV-1 that is a small molecule degrader of FKBP12.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

- [1]. Nabet B, et al. Rapid and direct control of target protein levels with VHL-recruiting dTAG molecules. Nature communications. 2020 Sep 18;11(1):4687.
- [2]. Zhu J, et al. FeaSion decodes the regulatory landscape and functional diversity of RNA polymerase II CTD phosphorylation. Science advances. 2025 Nov 28;11(48):eadz2345.
- [3]. Prindle V, et al. Synthetic lethality of mRNA quality control complexes in cancer. Nature. 2025 Feb;638(8052):1095-1103.