

---

## Product Data Sheet

---

Product Name: Protein degrader 1 TFA

Cat. No.: GC32433

**Chemical Properties**

Cas. No. 1631137-51-3

SMILES FC(F)(F)C(O)=O.O=C([C@H](C[C@@H](O)C1)N1C([C@@H](N)C(C)(C)C)=O)NCC2=CC=C(C(SC=N3)=C3C)C=C2

Formula C<sub>24</sub>H<sub>31</sub>F<sub>3</sub>N<sub>4</sub>O<sub>5</sub>S

M.Wt

544.59

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**

Protein degrader 1 TFA is a small molecule ligand for VHL, an E3 ligase which has been targeted in numerous PROTACs.

Synthesis of HaloPROTACs contains Protein degrader 1 (Degradation Inducing Moiety A). Protein degrader 1 (Degradation Inducing Moiety A) is capable of inducing the degradation of GFP-HaloTag7 in cell-based assays. HaloPROTACs containing Protein degrader 1 (Degradation Inducing Moiety A) lead to nearly 70% degradation of GFP-HaloTag7, when sufficiently long linkers are used[1].

[1]. Buckley DL, et al. HaloPROTACS: Use of Small Molecule PROTACs to Induce Degradation of HaloTag Fusion Proteins. ACS Chem Biol. 2015 Aug 21;10(8):1831-7.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---