
Product Data Sheet

Product Name: Mal-C6-amine TFA

Cat. No.: GC61024

Chemical Properties

Cas. No. 731862-92-3

SMILES O=C(C=C1)N(CCCCCCN)C1=O.O=C(O)C(F)(F)FFormula $C_{12}H_{17}F_3N_2O_4$ M.Wt 310.27

Solubility Storage 4°C, protect from light

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**

Mal-C6-amine (TFA) is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[1].

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. *EBioMedicine*. 2018 Oct;36:553-562

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

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