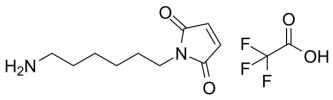
Mal-C6-amine TFA

Cat. No.:	HY-W018291
CAS No.:	731862-92-3
Molecular Formula:	$C_{12}H_{17}F_3N_2O_4$
Molecular Weight:	310.27
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Mal-C6-amine (TFA) is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[1].
IC_{50} & Target	Alkyl-Chain
In Vitro	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]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[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

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