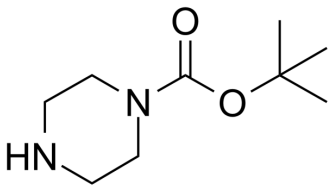
N-Boc-piperazine

Cat. No.:	HY-30105
CAS No.:	57260-71-6
Molecular Formula:	$C_9H_{18}N_2O_2$
Molecular Weight:	186.25
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	N-Boc-piperazine is a Alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTAC PD-1/PD-L1 degrader-1 (HY-131183)[1].
IC_{50} & Target	Alkyl/ether
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]. Binbin Cheng, et al. Discovery of novel resorcinol diphenyl ether-based PROTAC-like molecules as dual inhibitors and degraders of PD-L1. Eur J Med Chem. 2020;199:112377.

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