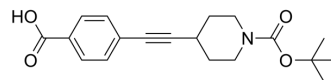


Boc-Pip-alkyne-Ph-COOH

Cat. No.:	HY-133044
CAS No.:	2581824-70-4
Molecular Formula:	C ₁₉ H ₂₃ NO ₄
Molecular Weight:	329.39
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Boc-Pip-alkyne-Ph-COOH is a PROTAC linker, which refers to the alkyl/ether composition. Boc-Pip-alkyne-Ph-COOH can be used in the synthesis of a series of PROTACs, such as ARD-266 (HY-133020). ARD-266 effectively induces degradation of androgen receptor (AR) protein in AR-positive LNCaP, VCaP, and 22Rv1 prostate cancer cell lines with DC ₅₀ values of 0.2-1 nM ^[1] . Boc-Pip-alkyne-Ph-COOH is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC₅₀ & Target	Alkyl/ether

REFERENCES

[1]. Han X, Zhao L, et al. Discovery of Highly Potent and Efficient PROTAC Degraders of Androgen Receptor (AR) by Employing Weak Binding Affinity VHL E3 Ligase Ligands. J Med Chem. 2019 Dec 26;62(24):11218-11231.

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

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