

Boc-Pip-alkyne-Ph-COOH

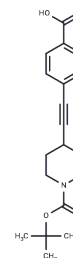
Chemical Properties

CAS No. :

Formula: C₁₉H₂₃N₃O₄

Molecular Weight: 329.39

Storage: Keep away from direct sunlight
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Boc-Pip-alkyne-Ph-COOH, a PROTAC linker characterized by its alkyl/ether composition, plays a crucial role in synthesizing PROTACs including ARD-266. This compound demonstrates significant efficacy in promoting the degradation of androgen receptor (AR) protein across AR-positive prostate cancer cell lines such as LNCaP, VCaP, and 22Rv1, showcasing DC50 values ranging from 0.2-1 nM[1].
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0359 mL	15.1796 mL	30.3591 mL
5 mM	0.6072 mL	3.0359 mL	6.0718 mL
10 mM	0.3036 mL	1.518 mL	3.0359 mL
50 mM	0.0607 mL	0.3036 mL	0.6072 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481