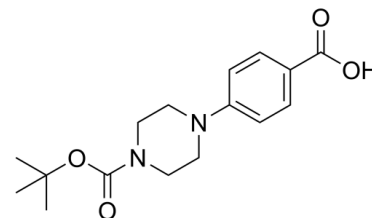


Data Sheet

Product Name:	Boc-piperazine-benzoic acid
Cat. No.:	CS-W013965
CAS No.:	162046-66-4
Molecular Formula:	C ₁₆ H ₂₂ N ₂ O ₄
Molecular Weight:	306.36
Target:	PROTAC Linkers
Pathway:	PROTAC
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Boc-piperazine-benzoic acid is a PROTAC linker and can be used in the synthesis of PROTACs, such as PROTAC androgen receptor (AR) degrader ARD-2128 (HY-13229)^[1]. *In Vitro*: ARD-2128 is a highly potent, orally bioavailable PROTAC androgen receptor (AR) degrader. ARD-2128 effectively reduces AR protein, suppresses AR-regulated genes in tumor tissues, and inhibits growth of tumor without signs of toxicity. ARD-2128 has the potential for the research of the prostate cancer^[1].

References:

[1]. Han X, et al. Strategies toward Discovery of Potent and Orally Bioavailable Proteolysis Targeting Chimera Degradors of Androgen Receptor for the Treatment of Prostate Cancer. J Med Chem. 2021;64(17):12831-12854.

SMILES:

O=C(O)C1=CC=C(N2CCN(C(OC(C)(C)C)=O)CC2)C=C1

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

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