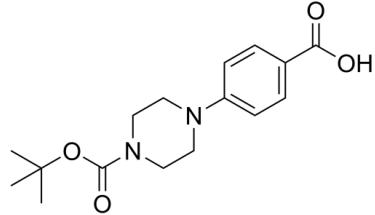


## Data Sheet

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<b>Product Name:</b>	Boc-piperazine-benzoic acid
<b>Cat. No.:</b>	CS-W013965
<b>CAS No.:</b>	162046-66-4
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	306.36
<b>Target:</b>	PROTAC Linkers
<b>Pathway:</b>	PROTAC
<b>Solubility:</b>	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)<sup>[1]</sup>. *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<sup>[1]</sup>.

### References:

[1]. Han X, et al. Strategies toward Discovery of Potent and Orally Bioavailable Proteolysis Targeting Chimera Degraders 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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