
Product Data Sheet

Product Name: Boc-piperazine-benzoic acid

Cat. No.: GC64096

Chemical Properties

Cas. No. 162046-66-4

Formula C₁₆H₂₂N₂O₄ M.Wt 306.36

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

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 [1].

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].

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

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

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