

Product Data Sheet

Product Name: Boc-Glu-OBzl

Cat. No.: GC46937

Chemical Properties

Cas. No. 30924-93-7

SMILES O=C([C@@H](NC(OC(C)(C)C)=O)CCC(O)=O)OCC1=CC=CC=C1

Formula C17H23NO6

M.Wt 337.4

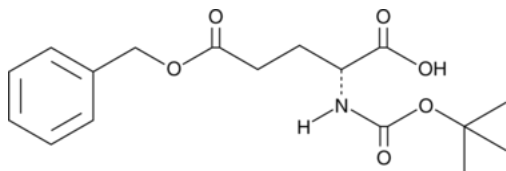
Solubility DMF: 5mg/mL, DMSO:
10mg/mL, Ethanol:
30mg/mL, Ethanol:PBS (pH 7.2)
(1:5): 0.16mg/mL

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-Glu-OBzl is an amino acid building block.^{1,2} It has been used in the synthesis of peptide-based inhibitors of human caspases and human rhinovirus (HRV) 3C protease that have enzyme inhibitory activity *in vitro*.

1. Garcia-Calvo, M., Peterson, E.P., Leiting, B., et al. Inhibition of human caspases by peptide-based and macromolecular inhibitors. *J. Biol. Chem.* 273(49):32608-32613 (1998)
2. Dragovich, P.S., Webber, S.E., Babine, R.E., et al. Structure-based design, synthesis, and biological evaluation of irreversible human rhinovirus 3C protease inhibitors. 2. peptide structure-activity studies. *J. Med. Chem.* 41(15):2819-2934 (1998)

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

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