Product Data Sheet

N-BOC-DL-serine methyl ester

Cat. No.: HY-W005308 CAS No.: 69942-12-7 Molecular Formula: $C_9H_{17}NO_5$ Molecular Weight: 219.23

Target: Amino Acid Derivatives

Pathway: Others

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

BIOLOGICAL ACTIVITY

Description

N-BOC-DL-serine methyl ester is a Serine derivative. N-BOC-DL-serine methyl ester is used for the synthesis of α,β -dehydro- α -amino acid. N-BOC-DL-serine methyl ester is also used for the synthesis of anti-cancer agent, such as quinazolinone derivative that inhibits PI3K activity, and tricyclic pyrolopyranopyridines that inhibits protein kinase activity^{[1][2][3]}.

REFERENCES

[1]. Yang Yongqing, et al. Method for synthesizing α,β -dehydro- α -amino acid. Patent CN105037210.

[2]. Wu Chengde, et al. Preparation of quinazolinone derivatives useful as PI3Ka inhibitors for the treatment of cancer. Patent WO2019091476.

[3]. Pastor Fernandez, et al. Preparation of tricyclic pyrolopyranopyridines as protein kinase inhibitors. Patent WO2017033019.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA