

Product Name : N-Benzoyl-(2R,3S)-3-phenylisoserine

Synonyms : —

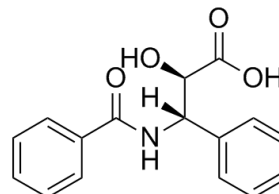
Cat No. : M17948

CAS Number : 132201-33-3

Molecular Formula : C₁₆H₁₅NO₄

Formula Weight : 285.29

Chemical Name : —



Description : (2R, 3S)-N-Benzoyl-3-phenylisoserine is an intermediate in the preparation of potent anticancer drug Paclitaxel used to study the location of the binding sites. It shows cytotoxic, antiviral and immunomodulatory activity.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : —

SMILES : O[C@H]([C@@H](NC(=O)c1ccccc1)c1ccccc1)C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Paal K, et al. Paclitaxel binding to human serum albumin—automated docking studies[J]. Bioorganic & Medicinal Chemistry, 2007, 15(3):1323-1329.