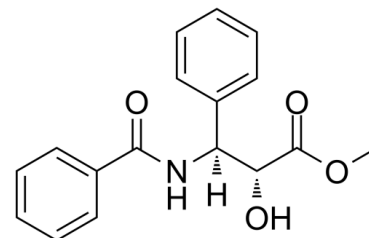


Data Sheet

Product Name:	Bz-RS-iSer(3-Ph)-OMe
Cat. No.:	CS-W009961
CAS No.:	32981-85-4
Molecular Formula:	C ₁₇ H ₁₇ NO ₄
Molecular Weight:	299.32
Target:	HIV
Pathway:	Anti-infection
Solubility:	DMSO : 125 mg/mL (417.61 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Bz-RS-iSer(3-Ph)-OMe (compound 2), a Taxol derivative, inhibits HSV replication cycle at low cytotoxicity, blocks mitotic divisions of Vero cells, influences M-MSV induced tumor size and affects immune response by inhibiting PHA-induced T lymphocyte proliferation [1].

References:

[1]. Krawczyk E, et al. Cytotoxic, antiviral (in-vitro and in-vivo), immunomodulatory activity and influence on mitotic divisions of three taxol derivatives: 10-deacetyl-baccatin III, methyl (N-benzoyl-(2'R,3'S)-3'-phenylisoserinate) and N-benzoyl-(2'R,3'S)-3'-phenylisoserine. J Pharm Pharmacol. 2005;57(6):791 - 797.

CAIndexNames:

Benzenepropanoic acid, β-(benzoylamino)-α-hydroxy-, methyl ester, (αR,βS)-

SMILES:

O=C(OC)[C@H](O)[C@](NC(C1=CC=CC=C1)=O)([H])C2=CC=CC=C2

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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