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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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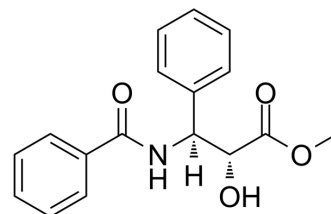
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Bz-RS-iSer(3-Ph)-OMe

Cat. No.:	HY-W009245
CAS No.:	32981-85-4
Molecular Formula:	C ₁₇ H ₁₇ NO ₄
Molecular Weight:	299.32
Target:	HIV
Pathway:	Anti-infection
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (417.61 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	3.3409 mL	16.7045 mL	33.4091 mL
		5 mM	0.6682 mL	3.3409 mL	6.6818 mL
		10 mM	0.3341 mL	1.6705 mL	3.3409 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.17 mg/mL (7.25 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.17 mg/mL (7.25 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	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] .
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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'

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

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