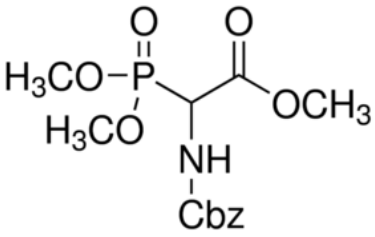
Z-α-Phosphonoglycine trimethyl ester

Synonym: (±)-Methyl 2-benzyloxycarbonylamino-2-(dimethoxyphosphinyl) acetate, (±)-Trimethyl Z-α-phosphonoglycinate, (±)-Z-α-Phosphonoglycine trimethyl ester

Catalog Number: UD-0378

Product Size: 5 g

Price: Online Inquiry



CAS Number	MDL Number	Molecular Formula	Molecular Weight
88568-95-0	MFCD00043304	(CH3O)2P(O)CH(NHCO2CH2C6H5)CO2CH3	331.26

Product Information	
Applications	Used for the synthesis of (Z)-dehydroamino acids by Wittig-Horner reaction with aldehydes.

Properties	
Purity	97%
SMILES String	COC(=O)C(NC(=O)OCc1ccccc1)P(=O)(OC)OC
InChI	1S/C13H18NO7P/c1-18-12(15)11(22(17,19-2)20-3)14-13(16)21-9-10-7-5-4-6-8-10/h4-8,11H,9H2,1-3H3,(H,14,16)
InChI Key	GSYSFVSGPABNNL-UHFFFAOYSA-N
Melting Point	77-80 °C (lit.)

© CD Biosynsis. All Rights Reserved.