

Description: 4-Hydroxymethylphenoxy methyl polystyrene

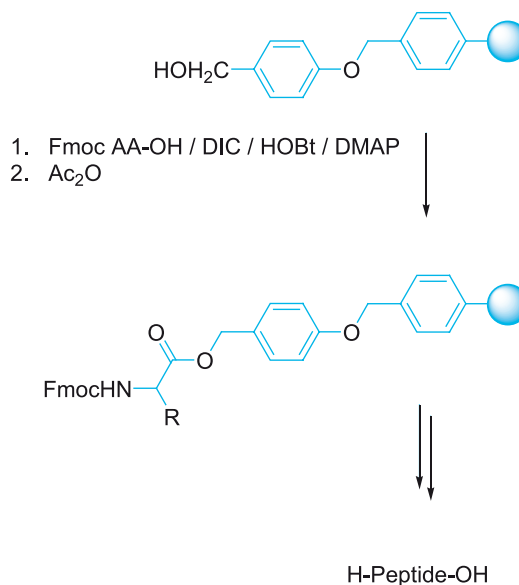
Application: Solid Phase Peptide Synthesis, Synthesis of Carboxylic Acids

See Also: PL-Wang-Br, PL-Wang-TCA, PL Cl-Trt-Cl, PL-CMS

PL-Wang is a 4-alkoxybenzylalcohol functionalized polystyrene, prepared from copolymerized PL-CMS. This support was originally designed for solid phase peptide synthesis using Fmoc protection strategies and is cleaved using ~ 95% TFA. It is also particularly useful for solid phase synthesis of small molecules which have a carboxylic acid functional group. Amino acids and carboxylic acids are attached to this resin through esterification. Care should be taken during the activation procedure to minimize any risk of racemization.

Acidic alcohols, particularly phenols, may also be attached to PL-Wang. Other less acidic alcohols may be attached to activated Wang resins such as PL-Wang-Br or PL-Wang-TCA.

Wang resins have also been converted to carbamate functionalized materials in order to prepare substituted amines.



References

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Ordering Information

PL-Wang Resin (1% DVB)	Part No
0.3mmol/g 75-150 μ m	PL1463-1749, 5g
	PL1463-3749, 25g
	PL1463-4749, 100g
	PL1463-6749, 1kg
0.6mmol/g 75-150 μ m	PL1463-1769, 5g
	PL1463-3769, 25g
	PL1463-4769, 100g
	PL1463-6769, 1kg
0.8mmol/g 75-150 μ m	PL1463-1799LL, 5g
	PL1463-3799LL, 25g
	PL1463-4799LL, 100g
	PL1463-6799LL, 1kg
0.9mmol/g 75-150 μ m	PL1463-1799, 5g
	PL1463-3799, 25g
	PL1463-4799, 100g
	PL1463-6799, 1kg
1.1mmol/g 75-150 μ m	PL1463-1799HL, 5g
	PL1463-3799HL, 25g
	PL1463-4799HL, 100g
	PL1463-6799HL, 1kg
1.7mmol/g 75-150 μ m	PL1463-1789, 5g
	PL1463-3789, 25g
	PL1463-4789, 100g
	PL1463-6789, 1kg
1.7mmol/g 150-300 μ m	PL1463-1689, 5g
	PL1463-3689, 25g
	PL1463-4689, 100g
	PL1463-6689, 1kg
1.7mmol/g 200-250 μ m	PL1463-1589, 5g
	PL1463-3589, 25g
	PL1463-4589, 100g
	PL1463-6589, 1kg
1.7mmol/g 250-300 μ m	PL1463-1489, 5g
	PL1463-3489, 25g
	PL1463-4489, 100g
	PL1463-6489, 1kg

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Additional Information

Varian Polymer Laboratories manufactures in multi kg quantities. Please enquire for details.