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ABBREVIATIONS AND SYMBOLS

AB	product peptide
Ac	acetyl
Ac-Phe-Gly-pNA	*N*-acetyl-L-Phenylalanylglycine-p-nitroanilide
Ahx-Gly-Phe-$NHCH_2CN$	6-aminohexanoyl-glycine-phenylalanine-aminoacetonitrile
AOH	acyl donor
AS	ammonium sulfate
BH	nucleophile
Boc	*t*-butyloxycarbonyl
Boc-Ala-Ala-Gly-NHMec	*t*-butyloxycarbonyl-L-alanyl-L-alanyl-L-glycine-7-(4-methyl)coumaryl-amide
Boc-Ala-Ala-Gly-pNA	*t*-butyloxycarbonyl-L-alanyl-L-alanyl-L-glycine-*p*-nitroanilide
Boc-Gly-$OPhNO_2$	*t*-butyloxycarbonyl-L-glycine-*p*-nitrophenyl ester
Bz	benzoyl
Bz-Arg-pNA	*N*-benzoyl-DL-arginine-*p*-nitroanilide
DL-BAPNA	*N*-benzoyl-DL-arginine-*p*-nitroanilide
ΔG	gibbs free energy change ($Jmol^{-1}$)
GSH	glutothione
HOAc	acetic acid
K_{eq}	concentration based equilibrium constant (M^{-1})
K_{th}	thermodynamics equilibrium constant
Log P	partitioning between octanol and water
R_m	relative mobility
pI	isoelectric point
PAGE	polyacrylamide gel electrophoresis
PEG	polyethyleneglycol
2-Py-S-S-2-Py	2,2′-dipyridyl disulfide
S_{AOH}	molar solubility of acyl donor (M^{-1})

S_{BOH}	molar solubility of nucleophile (M^{-1})
S_{AB}	molar solubility of peptide product (M^{-1})
TFAc	trifluoroacetyl
Z	benzyloxycarbonyl
Z-Gly-OPhNO_2	benzyloxycarbonyl-L-glycine-*p*-nitrophenyl ester
Z_{sat}	saturated mass action ratio
Z_{th}	thermodynamics mass action ratio