

Estimation of the nb of sequences in PcPc using TFA for synthesis

PcPc Data on May-23	nb*	% using TFA	nb using TFA	
Dipeptides	82	0%	0	mostly made by liquid phase not using TFA
Tripeptides	116	50%	58	mostly made by SPPS (using TFA)
Tetrapeptides	113	90%	101	
Pentapeptides	120	95%	114	
Hexapeptides	119	95%	113	
Heptapeptides	79	95%	75	
Octapeptides	64	95%	60	
Nonapeptides	63	95%	59	
Decapeptides	85	95%	80	
Oligopeptides (>10AA)	303	10%	30	lower sequences made by SPPS, larger made by biotechno
Polypeptides (>100AA)	-	0%	-	mostly made by biotechnology
total	1144	total using TFA	690	

60%

estimated values

* these numbers are based on the peptidic "core name" (without prefix and suffix) and may be under evaluated (ex: tripeptide-1; acetyl-tripeptide-1; palmitoyl-tripeptide-1; copper tripeptide-1 are only one sequence in this count!)

(Source: Chemistry department from a peptide manufacturing company)