

Entry	Method	Acid	Amine	HPLC Purity ^a	GC Amine ^b % Residue	% Yield (isolated)
1	A	3,3-Diphenylpropionic	1,2,3,4-Tetrahydroisoquinoline	95	5	81
2	B	3,3-Diphenylpropionic	1,2,3,4-Tetrahydroisoquinoline	85	0	88
3	A	3,3-Diphenylpropionic	Benzylamine	80	0	95
4	B	3,3-Diphenylpropionic	Benzylamine	85	0	92
5	A	3-Iodobenzoic acid	1,2,3,4-Tetrahydroisoquinoline	96	5	96
6	B	3-Iodobenzoic acid	1,2,3,4-Tetrahydroisoquinoline	85	0	96
7	A	3-Iodobenzoic acid	Benzylamine	94	16	94
8	B	3-Iodobenzoic acid	Benzylamine	98	0	94

Table 2. Amide formation using PS-Carbodiimide (Methods A and B).

^aHPLC analysis: Microsorb C18 3 μ (100 A) column. CH₃CN:H₂O with 0.1% TFA, 10–100%, 10 min.

^bGC analysis: HP-5 phenylmethylsilicone column 120–300 °C, 20 °C/min, 10 min.