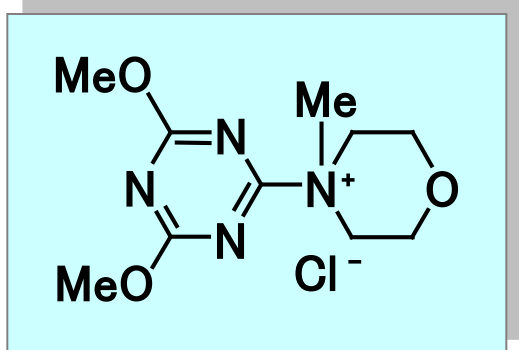


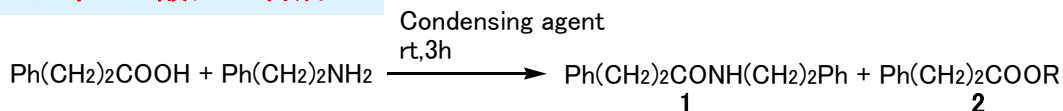
# トリアジン基盤脱水縮合剤

## DMT-MM



Code	A00711
Short Name 1	DMT-MM
Full Name	4-(4,6-Dimethoxy-1,3,5-triazin-2-yl)-4-methylmorpholinium chloride
CAS No.	3945-69-5
MDL No.	MFCD03613550
Mw	276.72
Price	5g ¥4,000 25g ¥10,000

### アルコール中での酸アミド合成

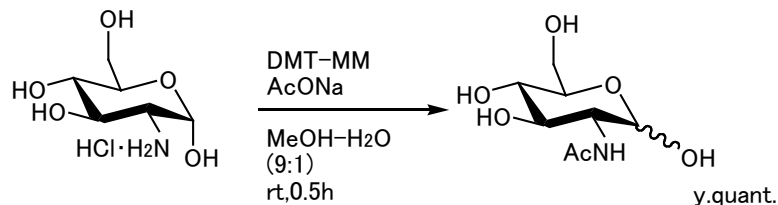
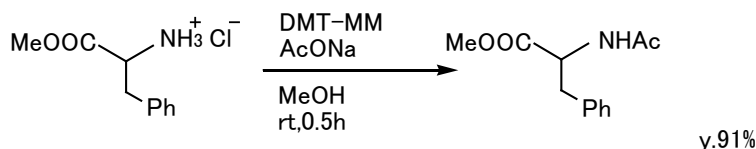
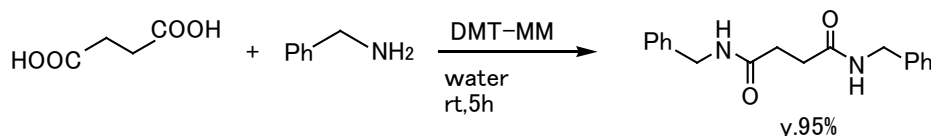


Run	Condensing agent	Solvent	Amide (1) <sup>a</sup> (%)	Ester (2) <sup>a</sup> (%)	Amide / Ester
1	DMT-MM	MeOH	98	1.0(R=Me)	98
2	DMT-MM	EtOH	99	0.7(R=Et)	141
3	DMT-MM	<i>i</i> -PrOH	96	0.7(R= <i>i</i> -Pr)	137
4	DCC	MeOH	27 <sup>b</sup>	7.0(R=Me)	4
5	EDC <sup>a</sup>	MeOH	53	16.0(R=Me)	3.3

a: Isolated yield

b: N-Acylurea was isolated in 21%

### プロトン性溶媒中での脱水縮合反応



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