

Experimental Details

Typical Procedure: In a pyrex tube, a suspension of a substrate (50 mg) and FSM-16 (100 mg) in dry acetone (5 mL) was irradiated externally at room temperature with a 400-W high-pressure mercury lamp for 30 h. FSM-16 was then filtered off and washed with ethyl acetate, and the filtrate was concentrated under reduced pressure. Pure product was obtained after purification by preparative TLC.

Recycle of FSM-16: After the photoreaction, FSM-16 was recovered by filtration and dried at r.t. for 2h under reduced pressure. The FSM-16 was used for the reaction again.

CAS Number of the Compounds

Compound	CAS Number
1	: 18880-00-7
2	: 98-73-7
3	: 19692-45-6
4	: 100-39-0
5	: 65-85-0
6	: 100-11-8
7	: 555-16-8
8	: 62-23-7
9	: 17201-43-3
10	: 619-65-8
11	: 585-71-7
12	: 98-86-2
13	: 4392-24-9
14	: 939-26-4
15	: 66-99-9
16	: 93-09-4
17	: 112-82-3
18	: 75966-32-4
19	: 877-65-6
20	: 939-97-9