

PROJECT NO. BOOK NO.

Work continued from Page

oven-dried 2-nuck 100-ml RB and stirbar charged w/ 10, 2, DCC, and DPTS DMF added to dissolve

15 mixture stirred under Ar overnight @ RT

3/25 next morning The in 15% EtoAc/Dem shows nearly no starting material TXN quenched w/ 200 ml DI water off - white ppt. forms ppt. filtered and left to dry on bench

3/31 eff-white solid dissolved in Dom and preadsorbed onto silica loaded onto alumn (\$5" x 12") and cluted w/ 10% EtoAc/DCM white solid collected and placed under high vac to remove remaining solvent 25 MMR in DMSO shows product w/ trace impurities, impurities may be magnified due to slight insolubility of compound in DMS. file > DIT-202 (name will need changing later) 0.90 g collected >> 61.6% yield

material preadsorbed and run through a silice plug eluted w/ 5% EtoAc/Den to 10% EtoAc/Den 30 white powder collected NMR in DMS0 = DLII-02 (040208) = pure

www.scientificbindery88yrs.con

35

20

WITNESS

Work continued to Page

3/24/08

DATE

DISCLOSED TO AND UNDERSTOOD

BOOK N	10.
Work continued from Page	
	1
NH. OAC	The common of the
O THE/H20  te trabutyl ammonium bronide	
tetrabutylammonium branik	
NHy OAc tetrabutylammonium bromide THF/Hz0 \$	3:1 nutio
mu 340.28 77.08 322.38	
mass80g 1.4530	
mmol .00 18.8 0.076 .94 -	
	6 ml THE 25 LL HZO
- A 1 6 -10 40 ·	1 or
General Procedure from STB-1061:	
Stir 10 in THP/H20 mixture w/ NHyaAc	
add TBA Bo to distribute layers	
Extraction performed w/ EttoAc	
W/2 500-me 1-reck RB charged w) and dissolved w/ THF/Hz	
mixture stirred as NHyoAc and TBABr added	
r-Rxn stirred @ RT overnight	
Mixture settles into two layers when stirring stopped	tole-save
soln is milky white in color	0 306
The after 3 has shows possible product formation (chited in 5% E	toAc/DCM)
4/3 The the next morning shows two spots w/ equal intensity	
previous procedures in SBJ SJB perform a work up at this time	, however 17 s
rxn will be allowed to procede to see if the reaction progresses	any further accorde
The shows cumarin Starting to form, can be seen under both 1	any turber of productions
	THE STORT WINE
esme and latillating the state	
some compand still ppt. in agreous layer, extracted 3×30 mc pcc	
organic layers washed 3x 50 ml DI tho and doied over ten	bird ,
organic layers dried over Non-Soy and condensed	
4/4 material preadsorbed onto silica and eluted on silia column w/ 6%	EtoAc/Dan to 8%. EtoAc/s in
starting material, pure product, and product w/ cumarin fract	ions collected
vww.scientificbindery88yrs.com	Work continued to Page
SIGNATURE	DATE
21-6	4/2/08
DISCLOSED TO AND UNDERSTOOD BY DATE WITNESS	DATE