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NPM : A 211 001
Keias : Peguler Pagi A
philips dividual processed operated
TUGAS ANALISIS FARMASI 1
A. Tuliskan contoh reaksi derivatisasi secara:
1) Esterifikasi -> reatsi timia antara arum katoksilat b altohol , yang mershanlkan rengawa ester
dan arr - Karena gugur hrdrolesi (OH) pada altohol dan aram tarbotesilat
membernut tatan ester (-000-)+ moletul an
Peatsi : PCOOH + P'OH -> PCOOP' + HIO
Contoh:
a) Collis COOH + CH3 OH -> Collis COO CH3 + H2O
aram movement move to the second movement of
benzoat ment benzoat air
O OH + 43 C - OH - O - H
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b) animpentale rengales on your your pour your your tempors of the members of
H3C-C-OH + 1 0H → H3C-C-O-CH2-CH3 + H-O-H
CH'S COOH + C2HEOH -> CH'S COOC2HS + H2O
assetat etanol etil aseiat. dir
of anashand
2) Peaksi asilasi -> Penggantian gugus hidroksi dengan gugus asil (asesati benzayl i propronyl) dengan
menggunakan asil klorida anhidilda asam sebagai teagen pada senyawa organik
Contohas mosos and sussem has misist each resigned accusans neutrones - incresigned and senses (5
a) ~ OH O O ~ O-"C-CH3"
C-OH + CH3-C-O-C-CH3 - C-OH + CH3-C-O-H/2003)
(po) ATO3 10 (po) ATO3 + (po) 110 + (po) 110
C1H6O3 + C4H6O3 -> C4H8 De (14+1) CH2 COOH
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inground and a manchine and the manchine and the face for the second and the seco
3) Reaksi tondensasi -> menahtlanatan mokekul teal (ali (alkohol) dan dua atau lebih senyawa
otsaut have pereative republication remaind outsaut part
Conto h :
Chicoom + Cition = Chicocont + Hro
asetat etanol (ester)
(KKY)



Contoh:		20 nr A
	, CI -> CII, CUIIs + HCI	A 7 7 141 77
	romerana taluena tiorida	
	^	57 7/2/Jana 20 70 11 5
HISC - CI 1	(O) + Ha	Diego I Little and Little dept. 220.
		a total today more miner miner interior to the total
r) Peaksi Pembentu	tean senyawa sithit	1-1) priming many among I - 111 min
		3 CHICHIOH THE MINET FINISHMAN
CHS		City (40000 + 40 0 1 110000 1 11000
THE THE	1 CH3NH2 ->	VI - CH's
"		OF COTH COOK + CHECH -> CERCCCHE + (1)
		in thought wind the first the first of the f
		700 mm
	H-0- H F	OF TO THE HOLD
/\ n		
e) keakri bengga	bungan (coupling reaction) -> P	enggabungan duu atau lebih moiekul untuk membentuk
*		enyawa baru yang sebih kompleks
	H-0-H+ H-0-H)-	0-5-5+1 <- HO 1 HO-5-3+1
. \		WILLIAM TOTALOH - CHE COCCITY
		DEFAT   1113   101013   101010
2.3 - dimeill -1.3 - buidiena		100013 10197 O
buradiena	1, 2 - dime	0 100013
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7) Peans tompleks	an - Pembentukan senyawa kon  Itgan organik	with the same to a proposed the same of th
T) Pearsi kompleks	ena - 9: con the contract of t	which man to a manufacture of the second day in
T) Pearsi tomplets  Contoh:  Mg 21 (aq)	tena -4: c  ena -4: c  tigan organit  tena organit  tena (oq) — mg 21 Eb  eniendiaming renyawa i	milet yang terditi dari, moletri larat rodam gan 1011)  Lara and and and and and and and and and an
T) Pearsi kompleks  Comohi:  Mg 21 (aq)	tena -4: c  ena -4: c  tigan organit  tena organit  tena (oq) — mg 21 Eb  eniendiaming renyawa i	milet yang terdiri dari moletul turar logam dan 10112)  The cay of the control of
T) Peatsi tomplets  Contohu:  Mg 21 (aq)  Ton  Thasnessum	tigan organit  tena -9: c  tigan organit  tena con  tena con  tena con  tena con  tena aserot  tena aserot  tena aserot  tena aserot  tena aserot  tena aserot	which the state of
Contoh :  Mag 21 (aq)  Ton  magnesium  8. Tuiskan merode	tena areat  Analicis yang memerjukan preparan	Tamper dengan tetalik di alar ?
Contoh :  Magnetium  Tuilstan mende  Jawaban:	tern areas to the area areas to the areas to	tamber gendan teknik gi arat s  Lamber gendan teknik gi arat s
Contoh :  Magnetium  Contoh :  Magnetium  Contoh :  Magnetium  S. Tuilstan metode  Jawaban :  1) Metode fromato	Analicis Yang memerjukan preparan	The radio of the r
Tullstan metode  Jawaban:  1) Metode fromato	term areas to the areas areas to the areas areas to the areas to the areas areas areas areas to the areas areas areas to the areas	Tamper dengan teknik di aiar ?
Comoh:  Mag 21 (aq)  Ton  masnessum  8. Tuliskan merode  Jawaban:  1) Merode kromato  2) Merode spekti  3) Merode asilus	ena-976  ani   Pembentutan renyawa ton  Itgan organit  tena arerot  Renyawa tenyawa te	Tamper dengan teknik di alar ?
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Comoh :	exaction and the services of t	The cad bender the like of a are some property of a are some some some some some some some som