

結晶多形の最新技術と応用展開

Compound	Molecular structure	Polym/pseudo-P	Name	Preparation of polymorphs	Transformation	Note	Ref.
1,3,5-tris(2-methylphenylamino)-benzene		2 1 (Am)	A, B, Am	A: cryst. from benzene + hexane or melt. B: heating Am		analysis XRD·DSC	19)
1,3,5-tris(4-methylphenylamino)-benzene		3 1 (Am)	A, B, C, Am	A: cryst. from benzene + hexane		analysis XRD·DSC	19) 20)
1,4-dithioketo-3,6-diphenylpyrrolo[3,4-c]pyrrole		3	I, II, III		SST III → I and/or II < 593K SMT I → III in organic solvents II → III in organic solvents	analysis IR electrochromographic sensitivity crystallographic data	21) 22) 23) 24)
1,6-diaminopyrene compd. with 2,5-dichloro-3,6-dibromo-p-benzoquinone		3	green, brown, low resistivity			analysis XRD·IR	25)
1,6-diaminopyrene-trichloromonobromo-p-benzoquinone		3	green, brown, dark blue				25) 26)
(1,6-pyrenediamine, compd. with bromotrichloro-p-benzoquinone)		2	α, β			crystallographic data electrical properties	25) 27) 28)
1,6-pyrenediamine, compd. with 2,6-dibromo-3,5-dichloro-2,3-cyclohexadiene-1,4-dione		2	green, brown			analysis XRD electrical properties	25)
17β-estradiol		2 2 (Hy, So)	EC, ED, EA (0.5Hy), EM (EtOH)		SST ED → EC EA → EC by heating	analysis DSC·IR·NMR·Raman	29)