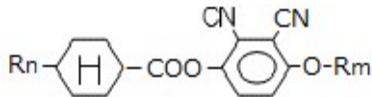
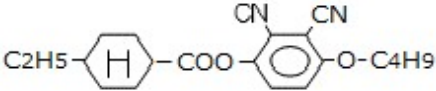
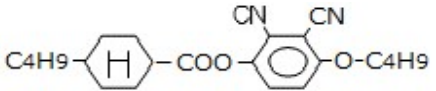
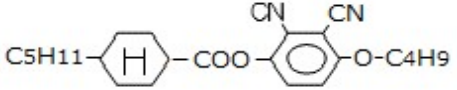
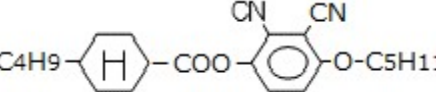
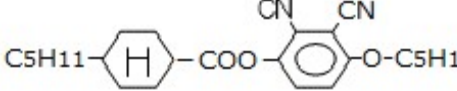


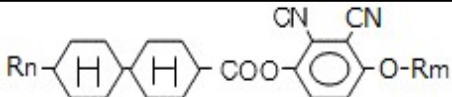
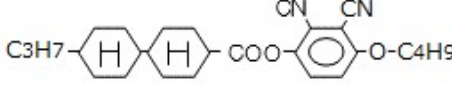
液晶材料一覧

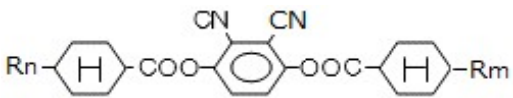
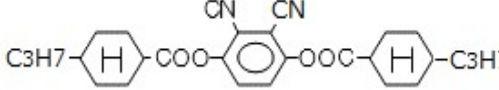
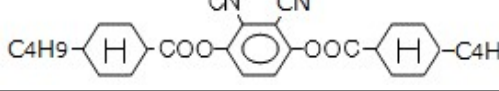
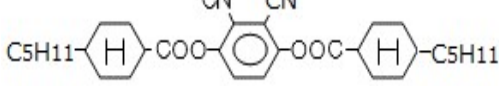
ネガ液晶 (AFシリーズ)

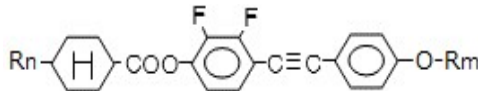
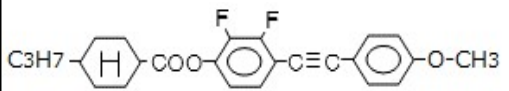
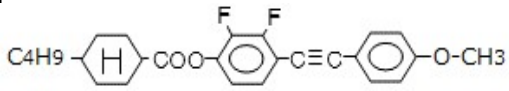
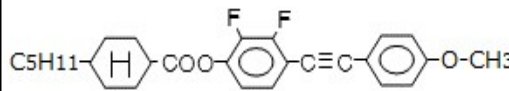
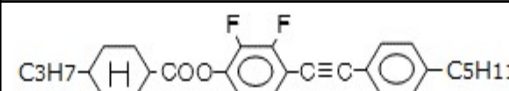
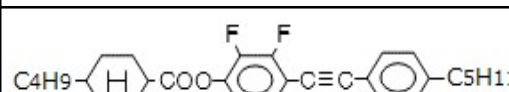
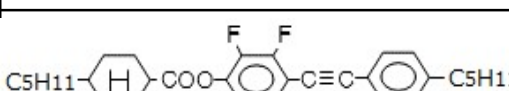
改訂(追加) 2021年5月26日 LCC

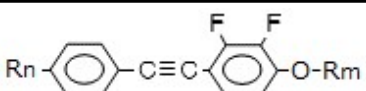
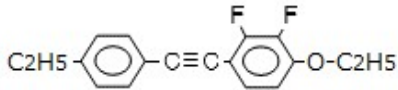
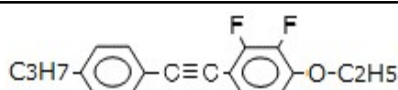
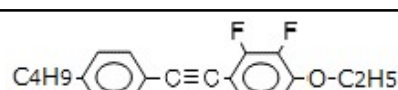
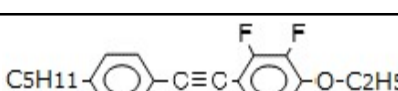
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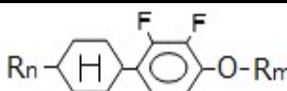
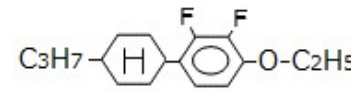
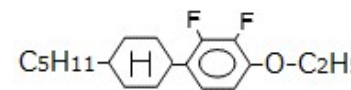
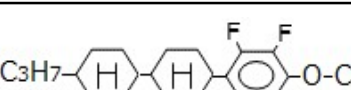
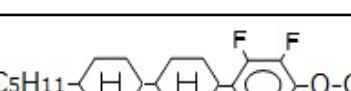
 AFシリーズ 2環シアノ							
品名	CAS No.	有無	R _n	R _m	構造式	mp(°C)	NI(°C)
AF-00 (CEn204)	(SN-204)		C ₂ H ₅	O-C ₄ H ₉ (CN) ₂			
AF-01 (CEn404)	75941-46-7		C ₄ H ₉	O-C ₄ H ₉ (CN) ₂		89.1	
AF-02 (CE n 504)	75941-47-8		C ₅ H ₁₁	O-C ₄ H ₉ (CN) ₂		92.7	
AF-04 (CE n 405)	75941-51-4		C ₄ H ₉	O-C ₅ H ₁₁ (CN) ₂		83.0	
AF-05 (CE n 505)	75941-52-5		C ₅ H ₁₁	O-C ₅ H ₁₁ (CN) ₂		101.0	

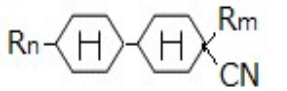

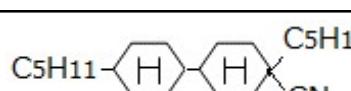
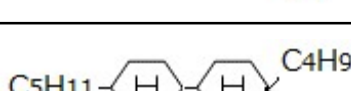

 AFシリーズ 3環シアノ							
品名	CAS No.	有無	R _n	R _m	構造式	mp(°C)	NI(°C)
AF-03 (CCEn304)	90681-44-0		C ₃ H ₇	OC ₄ H ₉ (CN) ₂		142.0	216.0
AF-06 (CCEn305)	90681-46-2	○	C ₃ H ₇	OC ₅ H ₁₁ (CN) ₂		141.0	202.0

 AFシリーズ 3環シアノ							
品名	CAS No.	有無	R _n	R _m	構造式	mp(°C)	NI(°C)
AF-07	75414-71-0	○	C ₃ H ₇	C ₃ H ₇ (CN) ₂		137.0	
AF-08	75414-72-1		C ₄ H ₉	C ₄ H ₉ (CN) ₂		138.0	
AF-09	75414-73-2		C ₅ H ₁₁	C ₅ H ₁₁ (CN) ₂		137.0	

 A F シリーズ 3環フッ素							
品名	CAS No.	有無	R _n	R _m	構造式	mp(°C)	NI(°C)
A F - 1 0		○	C ₃ H ₇	OCH ₃ FF		83.0	
A F - 1 1		○	C ₄ H ₉	OCH ₃ FF		77.0	
A F - 1 2		○	C ₅ H ₁₁	OCH ₃ FF		77.0	
A F - 1 3		○	C ₃ H ₇	C ₅ H ₁₁ FF		46.0	
A F - 1 4			C ₄ H ₉	C ₅ H ₁₁ FF		69.0	
A F - 1 5			C ₅ H ₁₁	C ₅ H ₁₁ FF		80.0	

 A F シリーズ 2環フッ素							
品名		有無	R _n	R _m	構造式	mp(°C)	NI(°C)
A F - 1 6			C ₂ H ₅	OC ₂ H ₅ FF			
A F - 1 7		○	C ₃ H ₇	OC ₂ H ₅ FF			
A F - 1 8		○	C ₄ H ₉	OC ₂ H ₅ FF			
A F - 1 9		○	C ₅ H ₁₁	OC ₂ H ₅ FF			

 A F シリーズ 直環型 (フッ素系)							
品名		有無	R _n	R _m	構造式	mp(°C)	NI(°C)
A F - 2 0	変更 A H - 0 5		C ₃ H ₇	OC ₂ H ₅ FF			
A F - 2 1	変更 A H - 0 6		C ₅ H ₁₁	OC ₂ H ₅ FF			
A F - 2 2	変更 A H - 0 7		C ₃ H ₇	OC ₂ H ₅ FF			
A F - 2 3	変更 A H - 0 8		C ₅ H ₁₁	OC ₂ H ₅ FF			

 A F シリーズ 直環型 (シアノ系)							
品名		有無	R _n	R _m	構造式	mp(°C)	NI(°C)
A F - 9 2	5CCCN3 (5CCN3)	○	C ₅ H ₁₁	C ₃ H ₇ CN			
A F - 9 3	5CCCN5 (5CCN5)	○	C ₅ H ₁₁	C ₅ H ₁₁ CN			
	5CCCN4 (5CCN4)		C ₅ H ₁₁	C ₄ H ₉ CN			
	4CCCN7 (4CCN7)	○	C ₄ H ₉	C ₇ H ₁₅ CN			
	5CCCNP5 (5CCNP5)		C ₅ H ₁₁	C ₅ H ₁₁ CN	