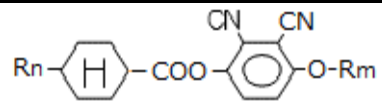
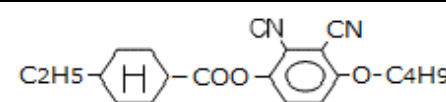
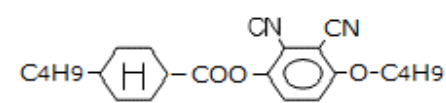
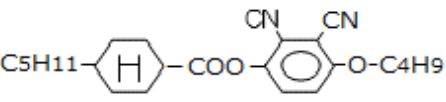
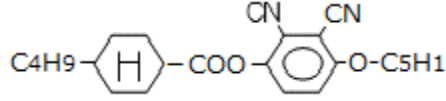
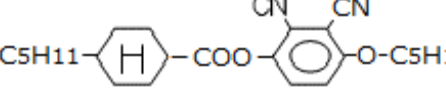
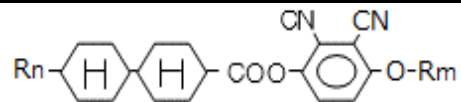
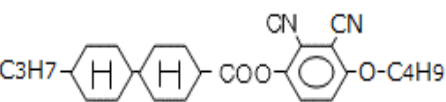
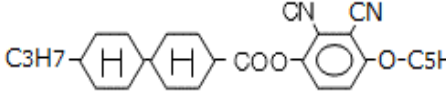


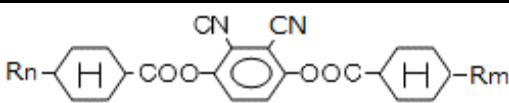
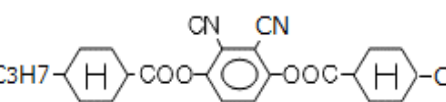
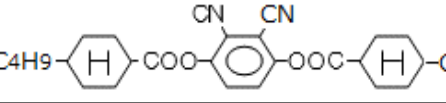
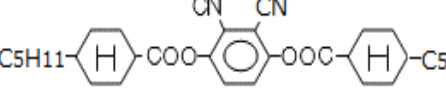
液晶材料一覧

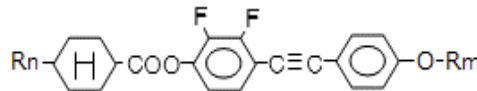
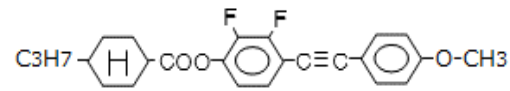
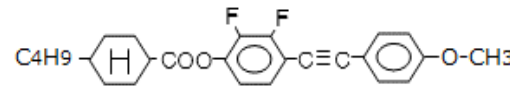
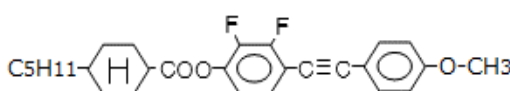
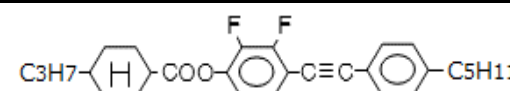
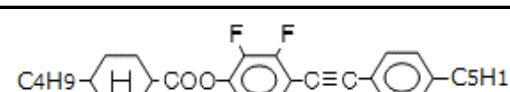
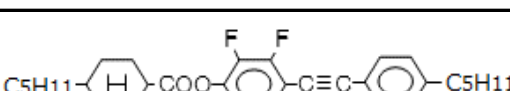
ネガ液晶 (AFシリーズ)

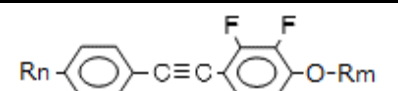
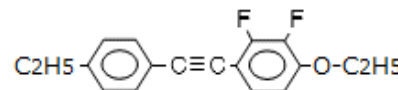
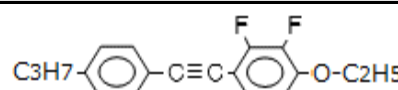
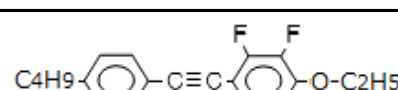
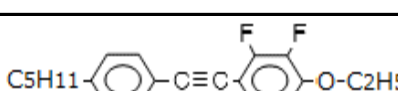
改訂(追加) 2021年3月12日 LCC

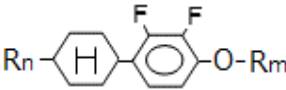
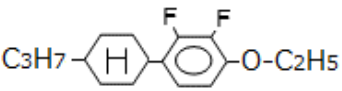
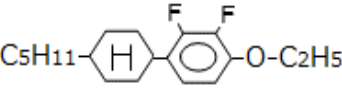
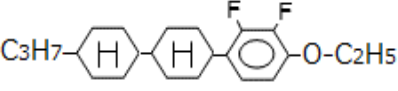
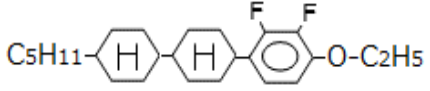
 AFシリーズ 2環-1シアノ						
品名	CAS No.	R _n	O-R _m	構造式	mp(°C)	NI(°C)
AF-00 (CEn204)	(SN-204)	C ₂ H ₅	O-C ₄ H ₉			
AF-01 (CEn404)	75941-46-7	C ₄ H ₉	O-C ₄ H ₉		89.1	
AF-02 (CEn504)	75941-47-8	C ₅ H ₁₁	O-C ₄ H ₉		92.7	
AF-04 (CEn405)	75941-51-4	C ₄ H ₉	O-C ₅ H ₁₁		83.0	
AF-05 (CEn505)	75941-52-5	C ₅ H ₁₁	O-C ₅ H ₁₁		101.0	

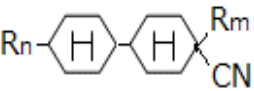
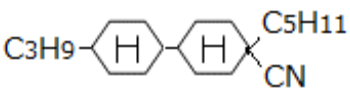

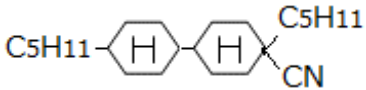
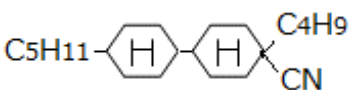
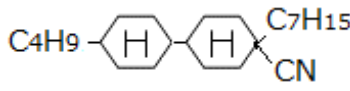
 AFシリーズ 3環-1シアノ						
品名	CAS No.	R _n	O-R _m	構造式	mp(°C)	NI(°C)
AF-03 (CCEn304)	90681-44-0	C ₃ H ₇	O-C ₄ H ₉		142.0	216.0
AF-06 (CCEn305)	90681-46-2	C ₃ H ₇	O-C ₅ H ₁₁		141.0	202.0

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

 AFシリーズ 3環-3 フッ素						
品名	CAS No.	R _n	O-R _m	構造式	mp(°C)	NI(°C)
AF-10		C ₃ H ₇	O-CH ₃		83.0	
AF-11		C ₄ H ₉	O-CH ₃		77.0	
AF-12		C ₅ H ₁₁	O-CH ₃		77.0	
AF-13		C ₃ H ₇	O-C ₅ H ₁₁		46.0	
AF-14		C ₄ H ₉	O-C ₅ H ₁₁		69.0	
AF-15		C ₅ H ₁₁	O-C ₅ H ₁₁		80.0	

 AFシリーズ 2環-2 フッ素						
品名		R _n	O-R _m	構造式	mp(°C)	NI(°C)
AF-16		C ₂ H ₅	O-C ₂ H ₅			
AF-17		C ₃ H ₇	O-C ₂ H ₅			
AF-18		C ₄ H ₉	O-C ₂ H ₅			
AF-19		C ₅ H ₁₁	O-C ₂ H ₅			

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

 A F シリーズ 直環型 (シアノ系)						
品名		R _n	R _m	構造式	mp(°C)	NI(°C)
A F - 9 1	C C C N 5 3	C ₃ H ₇	C ₅ H ₁₁ CN			
A F - 9 2	C C C N 3 5	C ₅ H ₁₁	C ₃ H ₇ CN			
A F - 9 3	C C C N 5 5	C ₅ H ₁₁	C ₅ H ₁₁ CN			
	C C C N 4 5	C ₅ H ₁₁	C ₄ H ₉ CN			
	C C C N 7 4	C ₄ H ₉	C ₇ H ₁₅ CN			
	CCCNP 5 5	C ₅ H ₁₁	C ₅ H ₁₁ CN	