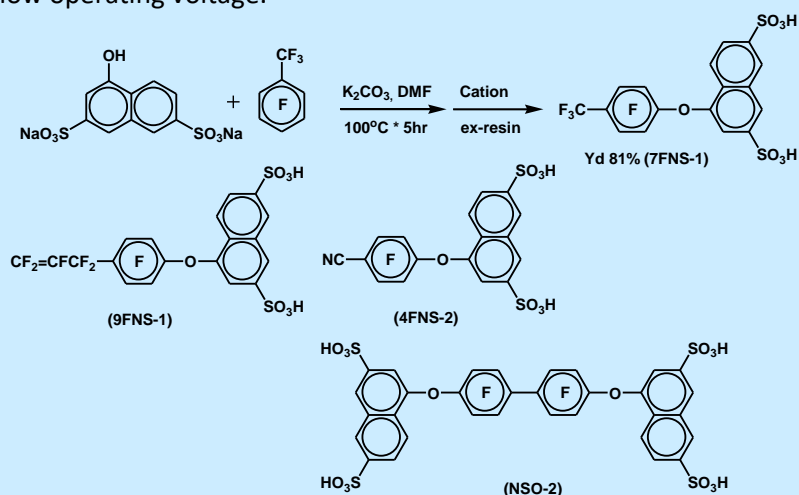


Octafluorotoluene

CF₃-C₆F₅

Purity	97%
CAS Number	434-64-0
Molecular Formula	C ₇ F ₈
Molecular Weight	236.06

Raw material for coating-type electron transport materials soluble in organic solvents. Excellent organic solvent solubility, luminescence intensity, and low operating voltage.



Application

	Electron transport compound(abb. ETC)	CHA solubility (Note-1)	Emission intensity Cd/m ² @10V
1	NSO-2	3.3	1,000~7,800
2	7FNS-1	10 以上	10,000
3	9FNS-1	10 以上	2,500
4	4FNS-2	10 以上	8,000

(Note-1) ETC+0.5eq PTA is dissolved in DMI/1g, and CHA is added dropwise. White turbidity point (g)

(Note-2) OLED device; Glass/ITO/ETC varnish/ α -NPD/Alq₃/LiF/Al

(Note-3) ETC varnish; Add 0.1mol-eq of ETC to PTA (Phenyltetraaniline) to make 2.8WT% solution with DMI:CHA:PG=2:3:1

US 9,082,985

Properties:

Appearance	Liquid
Boiling point, °C	104-105

Capacity:

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Packing:

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