

Decafluorobiphenyl

C₆F₅-C₆F₅

Purity	99%
CAS Number	434-90-2
Molecular Formula	C ₁₂ F ₁₀
Molecular Weight	334.12

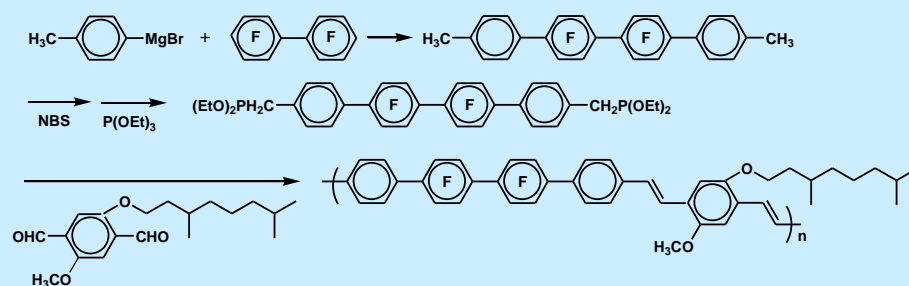
1. Cystine residues of a model protein that binds to the HIV-1 capsid are ligated with decafluorobiphenyl. Increased cell membrane permeability and binding to the HIV-1 capsid.



X; H or β-Ala-FITC, Reaction with C₆F₅C₆F₅ in DMF plus TRIS Buffer for 4.5hr
J. Am. Chem. Soc. 2013, 135, p5946-5949

Application

2. Raw material for blue light-emitting polymer materials with tetrafluorophenyl groups



US 6,590,125 B2

Properties:

Appearance	Solid
Boiling point, °C	206
Melting point, °C	68-69
Flash point, °C	-

Capacity:	200kg/month
Packing:	HDPE Jerry can
UN, PG:	-