Supplementary Materials for:

2,4-Bis((2,6-diisopropylphenyl)imino)-3-methylpentan-3-ol

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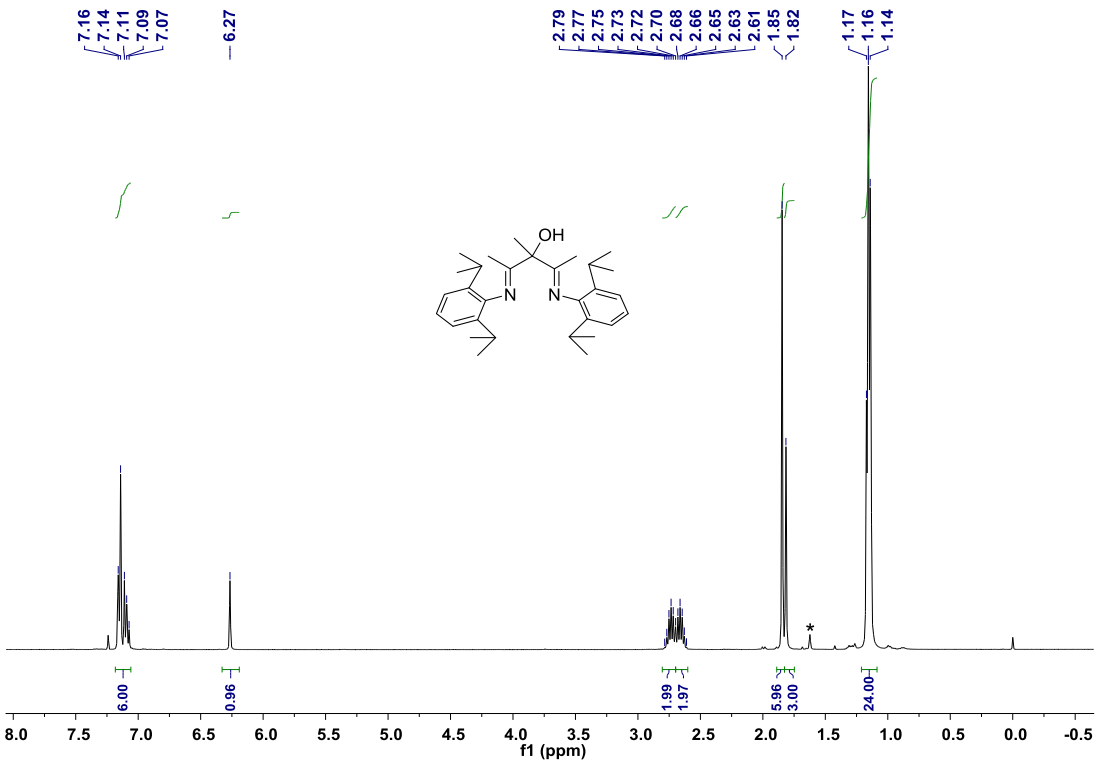

Figure S1. ^{1}H NMR spectrum of 2,4-bis((2,6-diisopropylphenyl)imino)-3-methylpentan-3-ol in $CDCl_3$. *H_2O

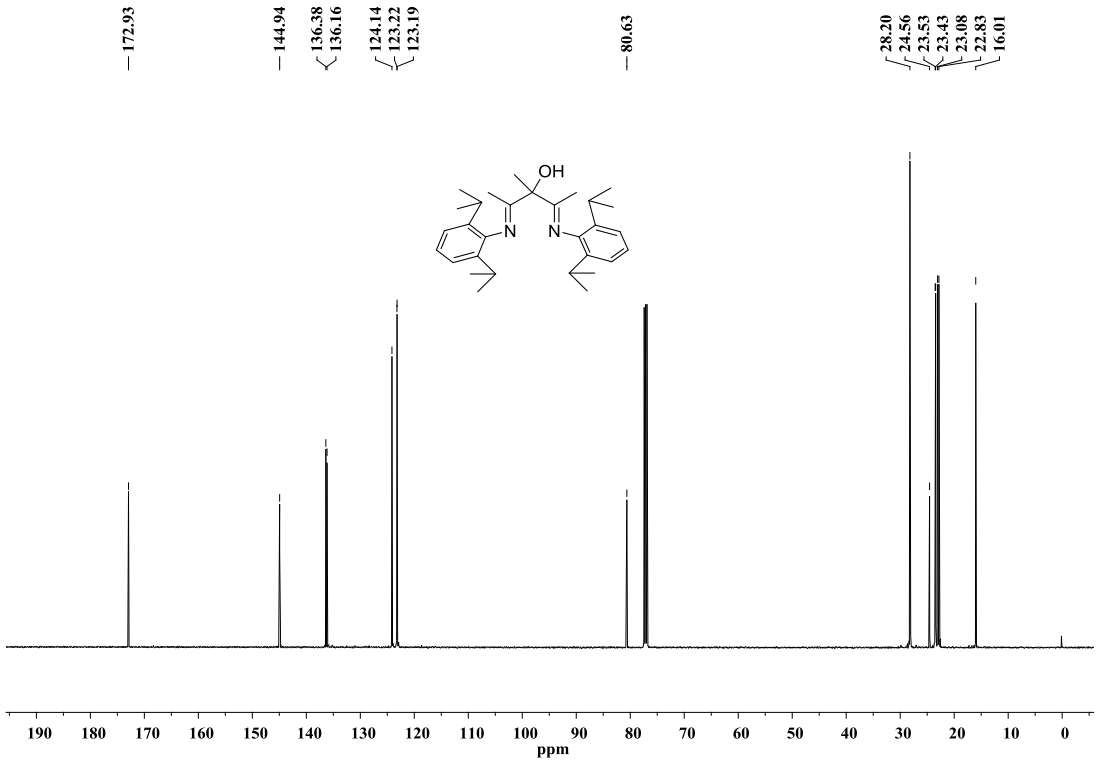

Figure S2. ^{13}C NMR spectrum of 2,4-bis((2,6-diisopropylphenyl)imino)-3-methylpentan-3-ol in $CDCl_3$.

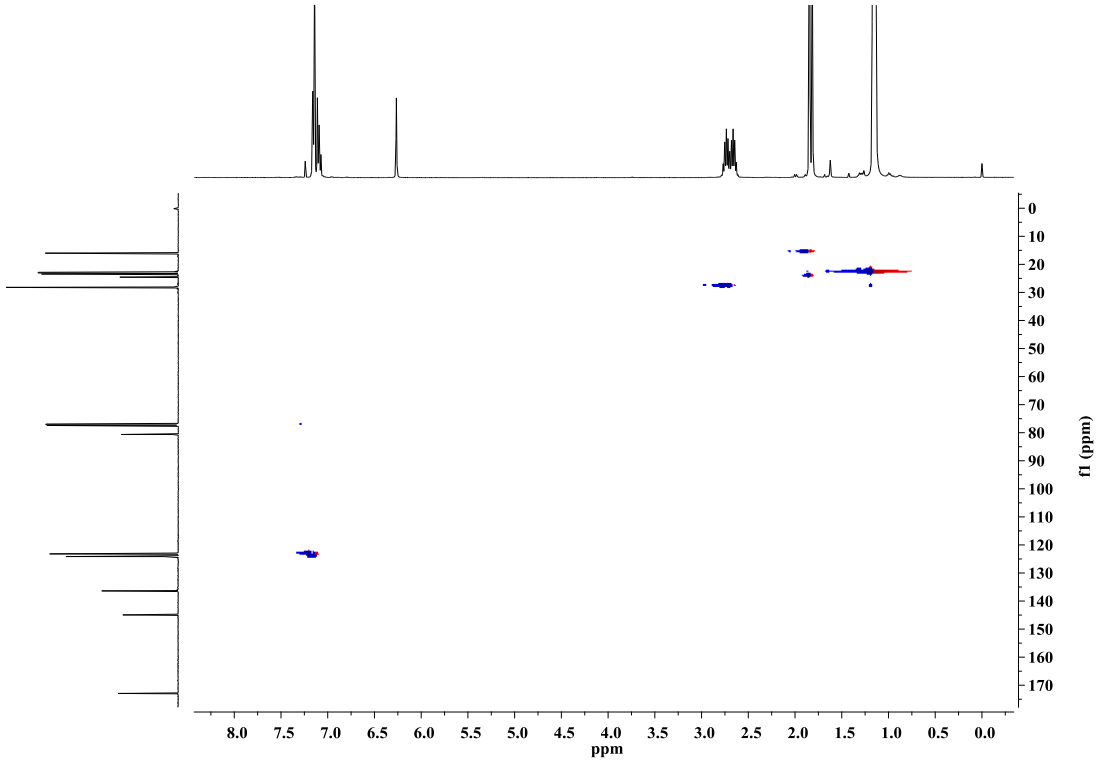

Figure S3. ^{1}H-^{13}C HSQC spectrum of 2,4-bis((2,6-diisopropylphenyl)imino)-3-methylpentan-3-ol in $CDCl_3$.

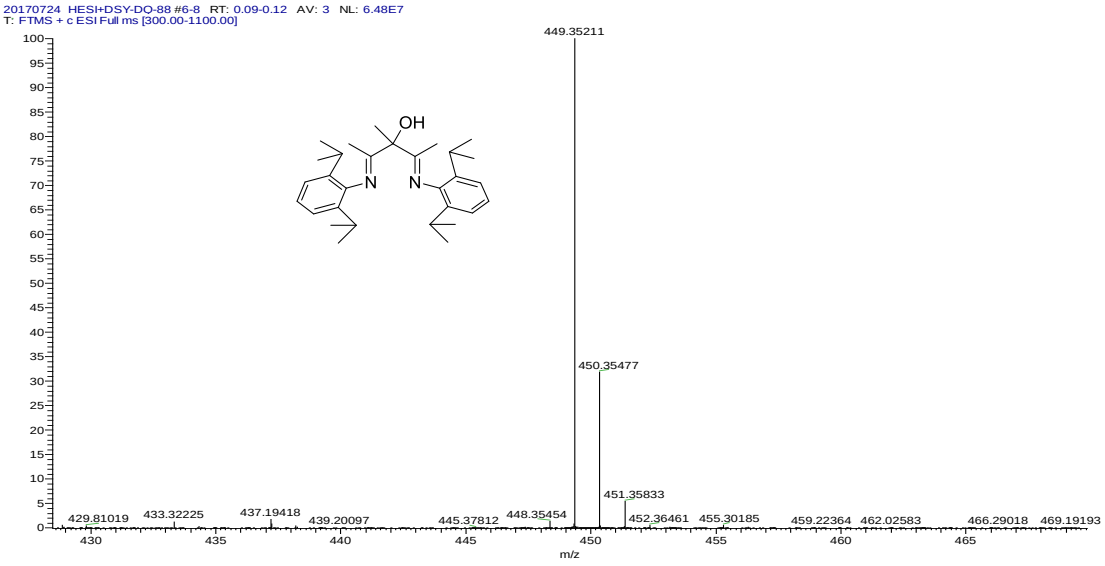

Figure S4. ESI-MS of 2,4-bis((2,6-diisopropylphenyl)imino)-3-methylpentan-3-ol

Table S1 Crystal data and structure refinement for 2,4-bis((2,6-diisopropylphenyl)imino)-3-methylpentan-3-ol.

Empirical formula	$C_{30}H_{44}N_2O$	
Formula weight	448.67	
Temperature	298(2) K	
Wavelength	0.71073 Å	
Crystal system	Triclinic	
Space group	P-1	
Unit cell dimensions	a = 8.9713(8) Å	α = 109.324(3)°.
	b = 13.5010(11) Å	β = 99.633(2)°.
	c = 13.5357(12) Å	γ = 104.420(2)°.
Volume	1441.3(2) $Å^3$	
Z	2	
Density(calculated)	1.034 Mg/m^3	
Absorption coefficient	0.062 mm^{-1}	
F(000)	492	
Crystal size	0.48 x 0.35 x 0.20 mm	
Theta range for data collection	2.44 to 25.02 ° .	
Limiting indices	-8<=h<=10, -16<=k<=16, -16<=l<=15	
Reflections collected	7285	
Independent reflections	5007 [R(int) = 0.0281]	
Completeness to theta = 25.02°	98.4 %	
Absorption correction	Semi-empirical from equivalents	
Max. and min. transmission	0.9878 and 0.9710	
Refinement method	Full-matrix least-squares on F^2	
Data / restraints / parameters	5007 / 0 / 350	
Goodness-of-fit on F^2	1.029	
Final R indices [I>2sigma(I)]	R1 = 0.0839	
R indices (all data)	wR2 = 0.2452	
Largest diff. peak and hole	0.271 and -0.212 e. $Å^{-3}$	