

Design of donor-acceptor star-shaped oligomers for efficient solution-processible organic photovoltaics

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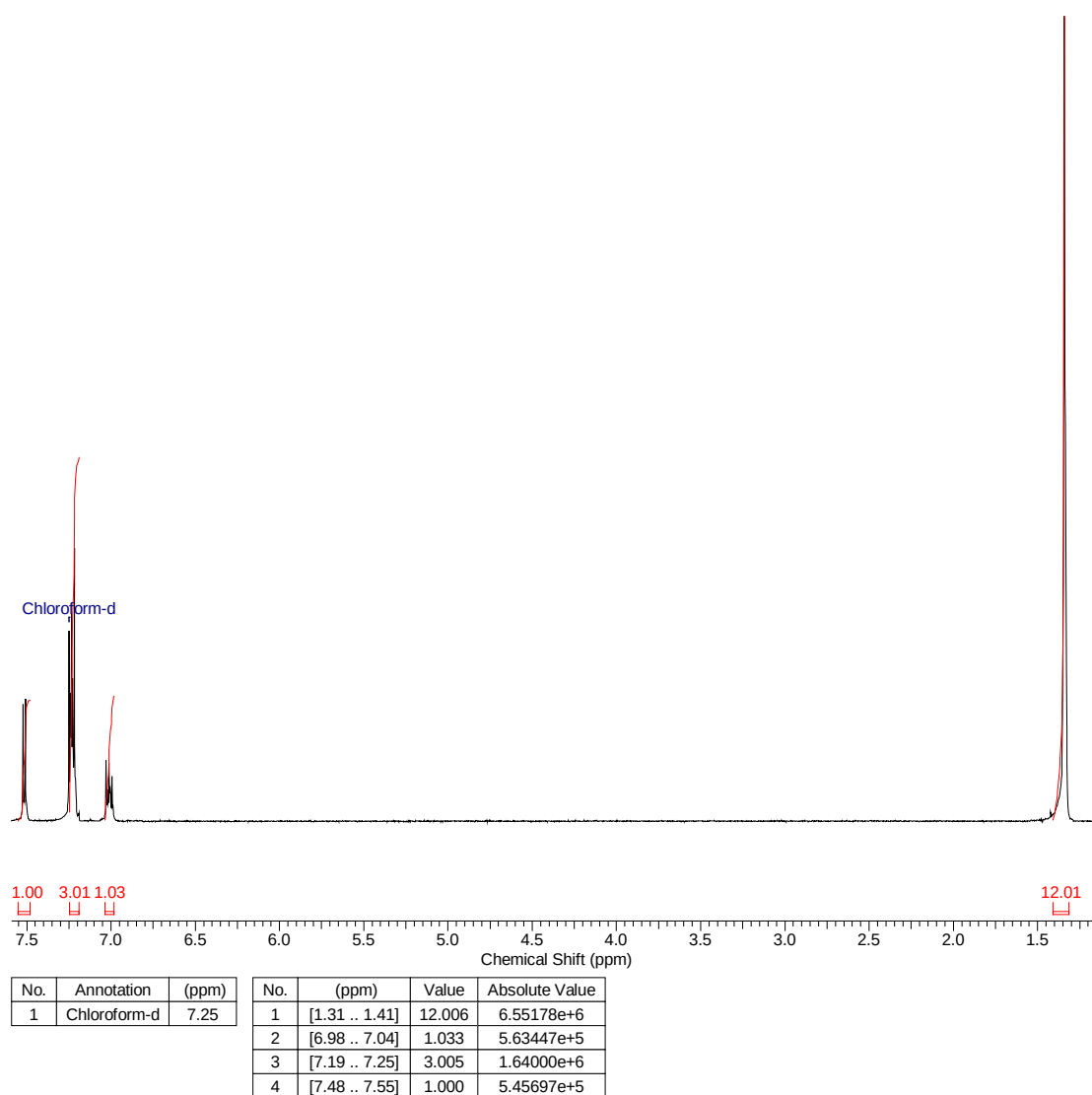


Figure S1. ¹H NMR spectrum of **26** in CDCl₃.

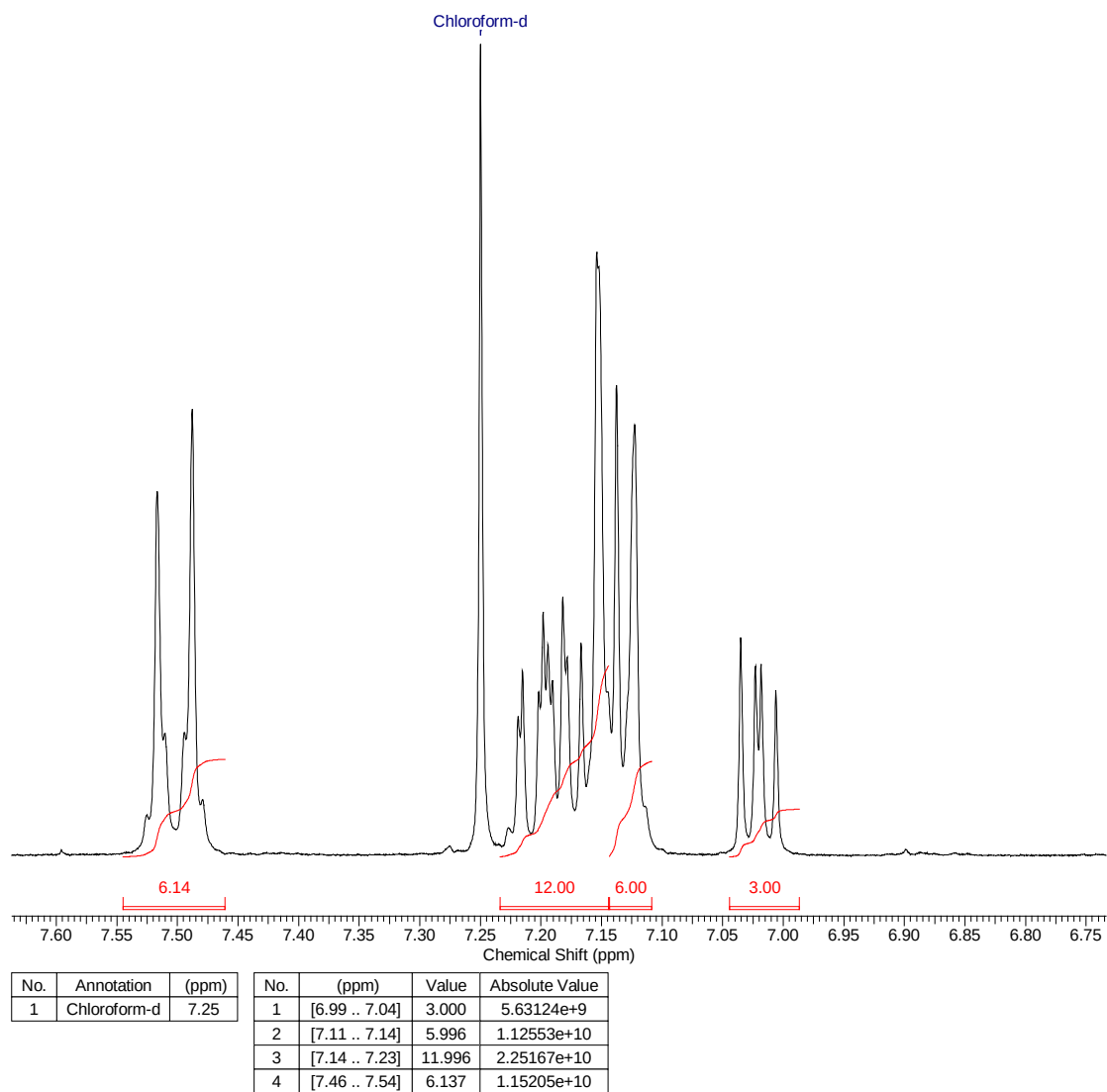


Figure S2. ^1H NMR spectrum of **27** in CDCl_3 .

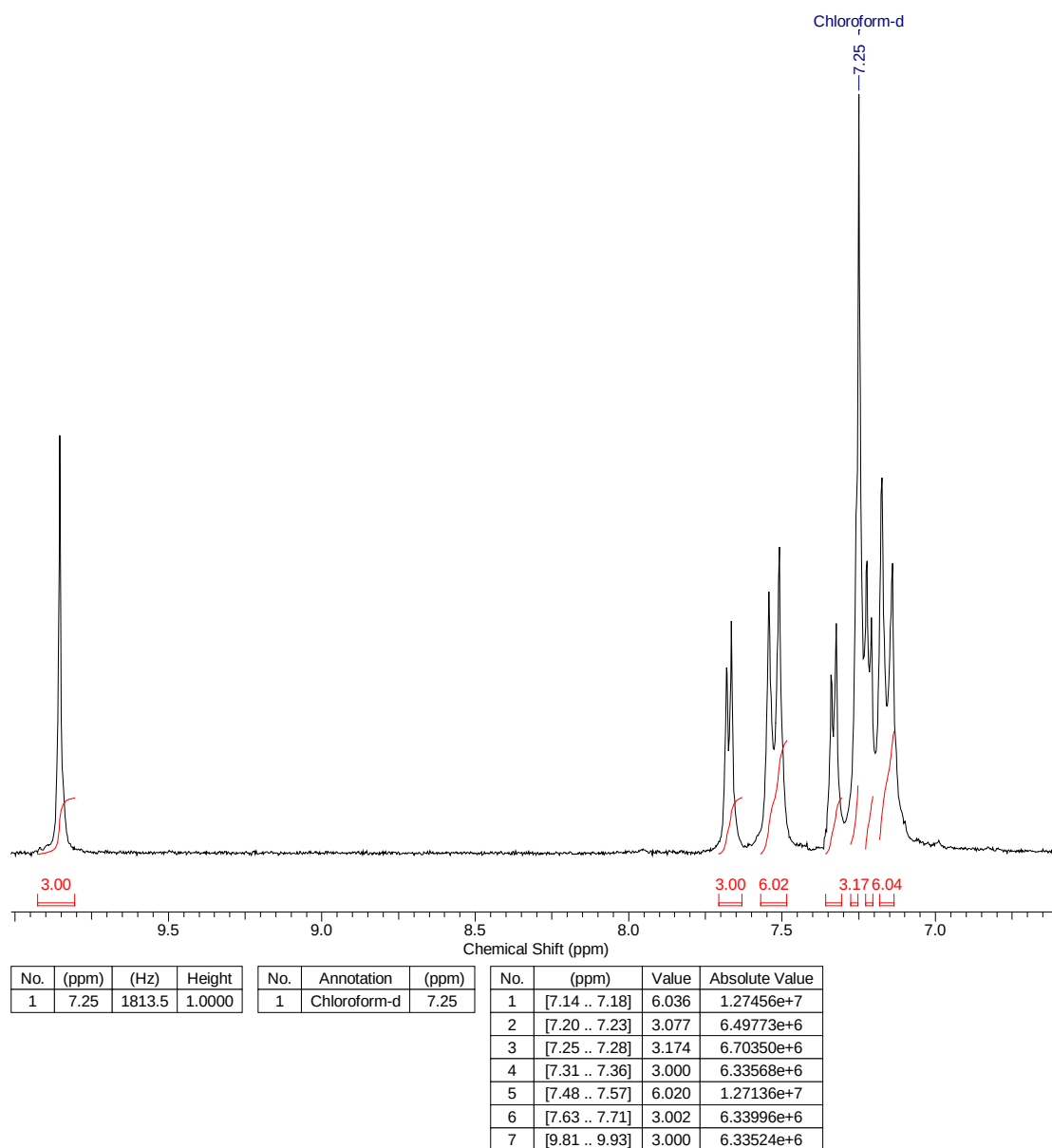
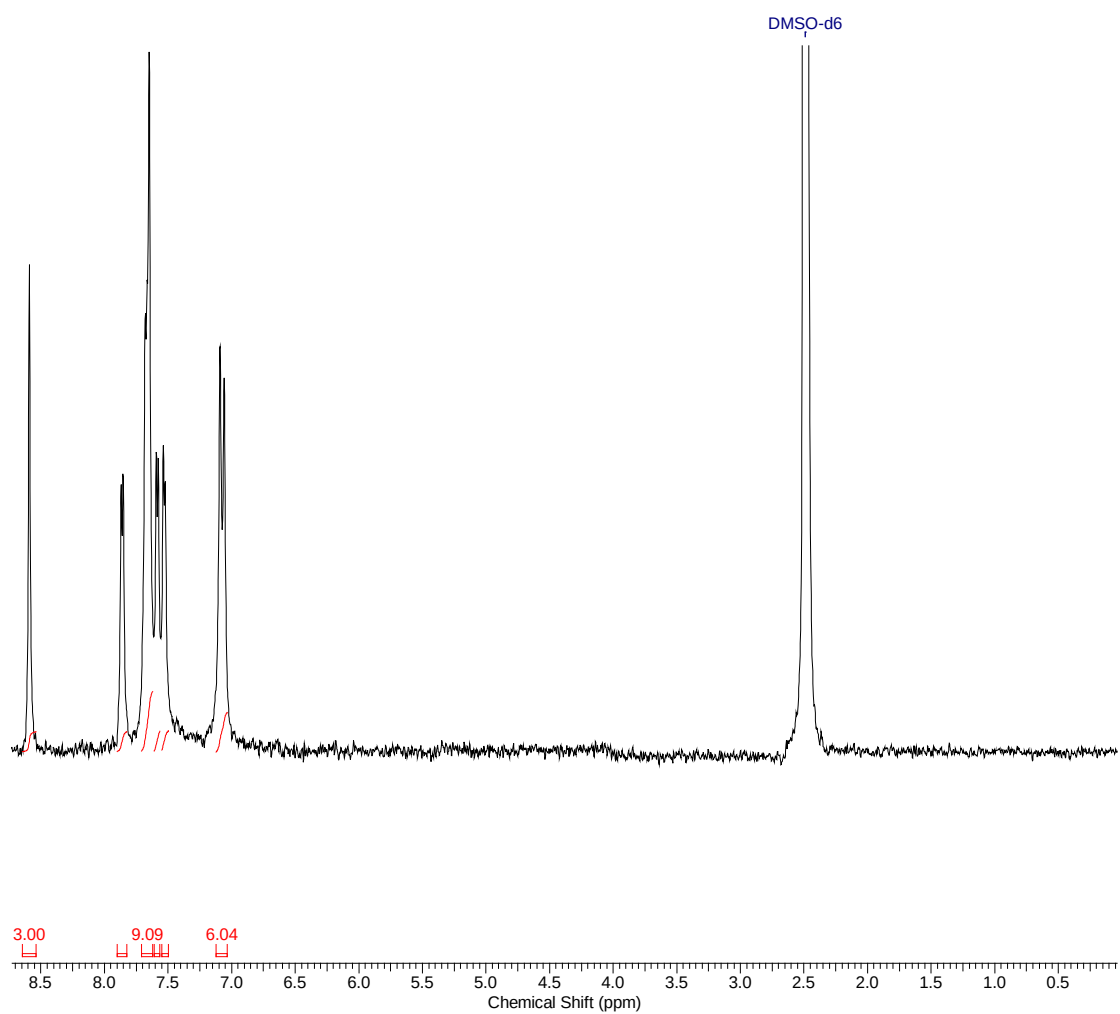


Figure S3. ^1H NMR spectrum of **28** in CDCl_3 .



No.	Annotation	(ppm)
1	DMSO-d6	2.49

No.	(ppm)	Value	Absolute Value
1	[7.03 .. 7.12]	6.037	2.19330e+6
2	[7.50 .. 7.55]	3.053	1.10911e+6
3	[7.56 .. 7.61]	3.065	1.11369e+6
4	[7.62 .. 7.71]	9.086	3.30103e+6
5	[7.82 .. 7.90]	3.030	1.10085e+6
6	[8.54 .. 8.65]	3.000	1.08998e+6

Figure S4. ^1H NMR spectrum of $\text{N}(\text{Ph-2T-DCN})_3$ in $\text{DMSO-}d_6$.

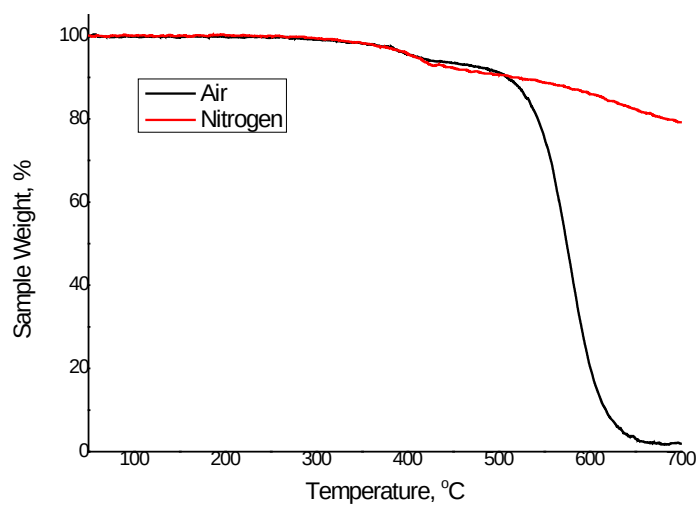


Figure S5. TGA curves of N(Ph-2T-DCN)₃.