SUPPLEMENTARY MATERIALS

N,N'-Dipropyloxamide

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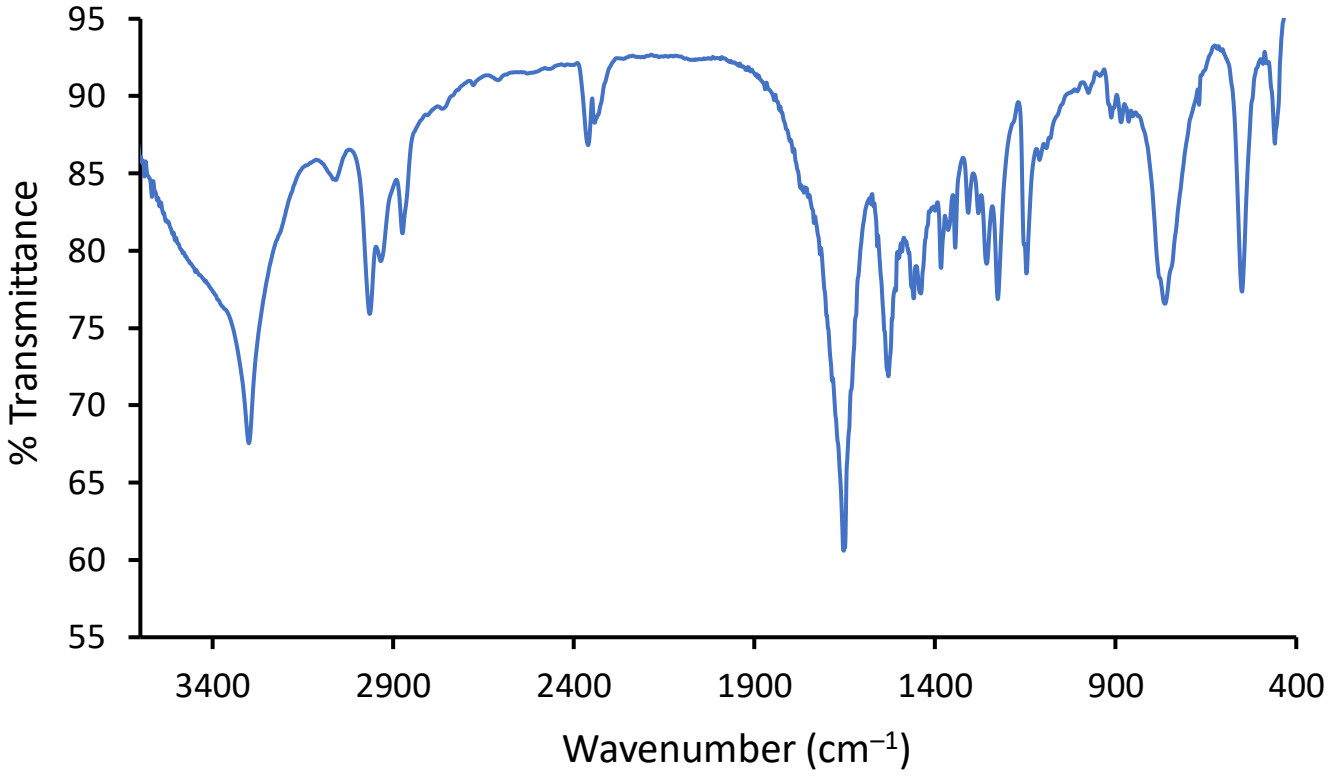

Figure S1. FT-IR spectrum (400–3600 cm^{-1}) recorded at r.t. for compound **1** (KBr pellet); main peaks: 3300, 3059, 2964, 2931, 2873, 1649, 1529, 1460, 1439, 1383, 1363, 1344, 1308, 1281, 1255, 1227, 1146, 764, 550, 459 cm^{-1}.

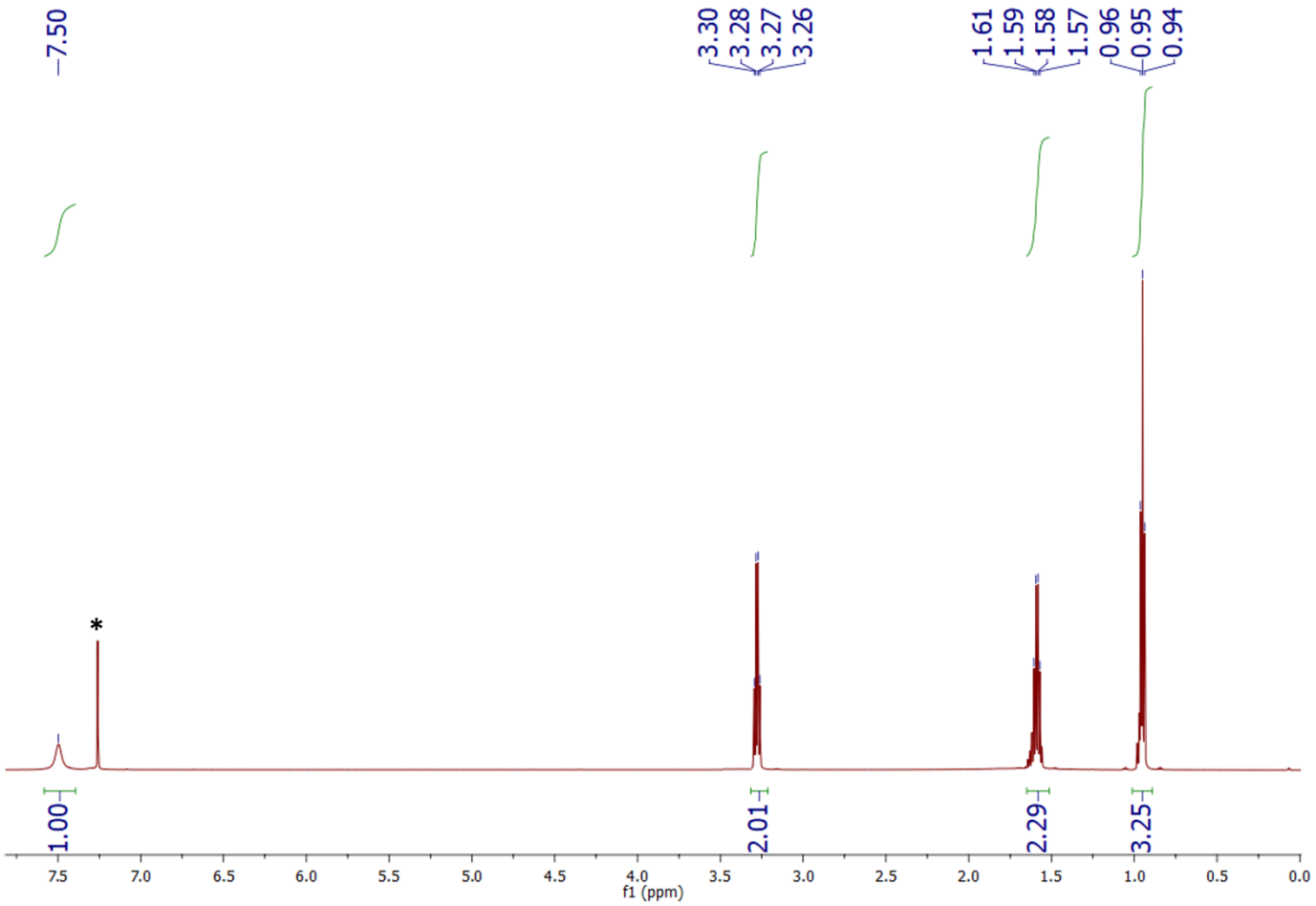

Figure S2. ^{1}H-NMR spectrum for compound **1** (600 MHz, $CDCl_3$); the peak marked with an asterisk corresponds to the solvent residual signal.

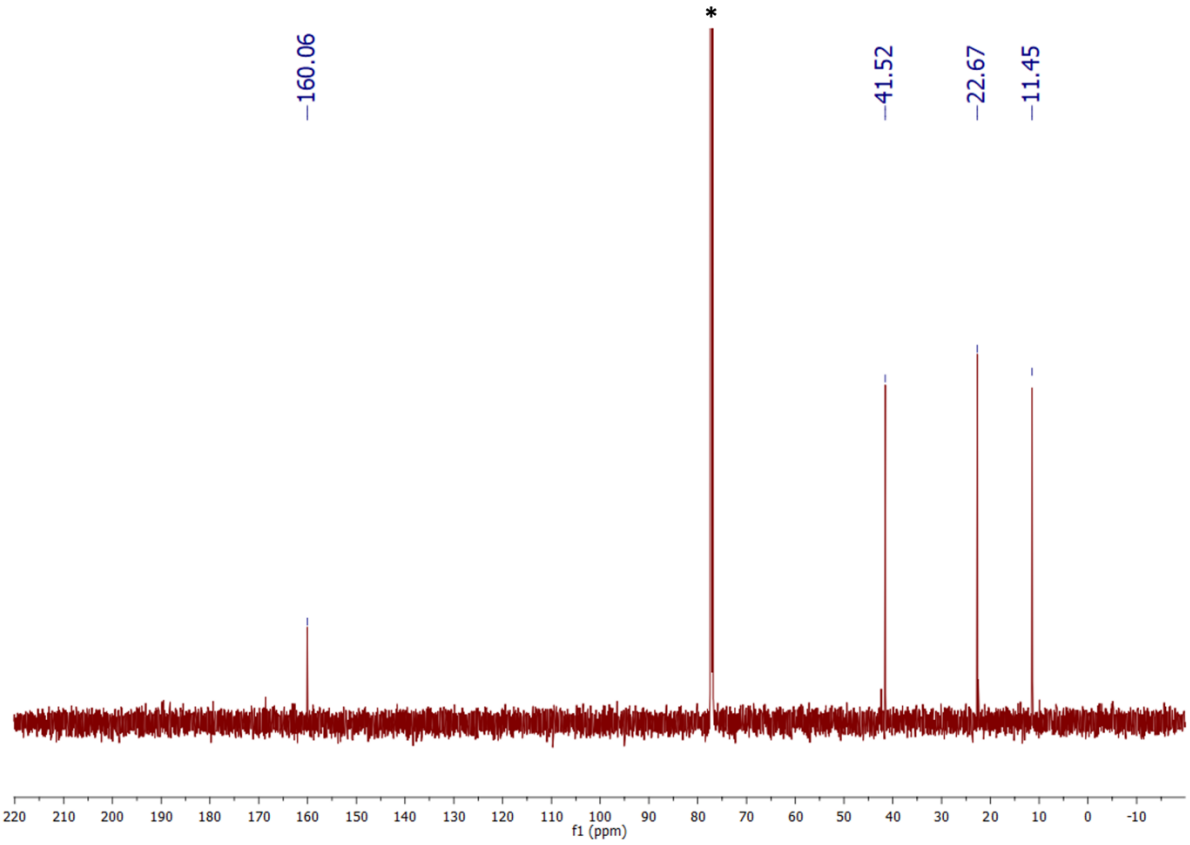

Figure S3. $^{13}C\{^{1}H\}$-NMR spectrum for compound **1** (151 MHz, $CDCl_3$); the peak marked with an asterisk corresponds to the solvent residual signal.

Table S1. Crystal data and refinement parameters for compound **1**.

Formula	$C_8H_{16}N_2O_2$
$\rho_{calc.}$/ g cm^{-3}	1.236
μ/mm^{-1}	0.089
Formula Weight	172.23
Colour	colourless
Shape	needle
Size/mm^3	0.80×0.07×0.05
T/K	100(2)
Crystal System	triclinic
Space Group	P-1
a/Å	4.3708(2)
b/Å	5.1342(3)
c/Å	11.1946(6)
α/°	80.190(5)
β/°	87.320(4)
γ/°	69.219(5)
V/Å^3	231.41(2)
Z	1
Z'	0.5
Wavelength/Å	0.71073
Radiation type	Mo K_α
θ_{min}/°	1.846
θ_{max}/°	30.506
Measured Refl's.	8330
Indep't Refl's	1414
Refl's I ≥ 2 σ(I)	1195
R_{int}	0.0559
Parameters	59
Restraints	0
Largest Peak	0.571
Deepest Hole	-0.267
GooF	1.074
wR_2 (all data)	0.1264
wR_2	0.1194
R_1 (all data)	0.0523
R_1	0.0443

Table S2. Bond lengths (Å) for compound **1**. Atom labelling scheme as in Figure 1.

Atom	Atom	Length/Å
O1	C4	1.2370(11)
N1	C4	1.3298(11)
N1	C3	1.4552(12)
C1	C2	1.5245(14)
C2	C3	1.5249(14)
C4	C4[i]	1.5366(18)

[i] 2–x, 1–y, 1–z

Table S3. Bond angles (°) for compound **1**. Atom labelling scheme as in Figure 1.

Atom	**Atom**	**Atom**	**Angle/°**
C4	N1	C3	123.44(8)
C3	C2	C1	112.96(8)
N1	C3	C2	112.22(8)
O1	C4	N1	125.76(9)
O1	C4	C4[i]	121.34(10)
N1	C4	C4[i]	112.90(9)

[i] 2–x, 1–y, 1–z

Table S4. Torsion angles (°) for compound **1**. Atom labelling scheme as in Figure 1.

Atom	Atom	Atom	Atom	Angle/°
C1	C2	C3	N1	68.91(11)
C3	N1	C4	O1	1.81(15)
C3	N1	C4	C4 [i]	–178.53(9)
C4	N1	C3	C2	–105.53(10)

[i] 2–x, 1–y, 1–z