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## Corrigendum

## Corrigendum to “Heterocyclic amines for the construction of peptoid oligomers bearing multi-dentate ligands” [Tetrahedron Lett. 49 (2008) 335]

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Although the synthesis of compound **2** was successfully conducted on multiple occasions (see Ref. 9), we have now found this procedure to be unreliable. Therefore, we recommend as an alternative approach for incorporating the ligand 1,10-phenanthroline as a peptoid oligomer side chain, the direct use of the commercially available 5-amino-1, 10-phenanthroline. In the oligomer synthesis the two-step submonomer cycle was modified to allow the amine displacement reaction to be performed for 16 h. We were able to incorporate this amine at the N-terminus

## Ref. 9:

5-chloro-1,10-phenanthroline (560 mg, 2.6 mmol) and ethanolamine (175  $\mu$ l, 2.9 mmol) were added to powder KOH (730 mg, 13 mmol) in DMSO (10 ml) and stirred at 80 °C for 6 h. The reaction mixture was then added to 100 ml of methylene chloride and washed with water (4 $\times$ ). The methylene chloride solution was dried over Na<sub>2</sub>SO<sub>4</sub> and the solvent was removed. The brown solid was purified from warm methylene chloride (2 $\times$ ) and 2-(2,2':6',2''-terpyridine-4'-ylloxy) ethylamine (442 mg, 1.85 mmol) was obtained a light brown solid in 71% yield and used subsequently without further purification. <sup>1</sup>H NMR  $\delta$  (400 MHz, DMSO):  $\delta$  3.2 (t, 2H, H <sub>$\alpha$</sub> ), 4.4 (t, 2H, H <sub>$\beta$</sub> ), 7.4 (s, 1H, H<sub>6</sub>) 7.7 (dd, 2H, H<sub>3,8</sub>), 8.4 (dd, 2H, H<sub>4,7</sub>), 8.8 (dd, 1H, H<sub>9</sub>) 9.0 (dd, 1H, H<sub>2</sub>) ppm. <sup>13</sup>C NMR (400 MHz, CDCl<sub>3</sub>):  $\delta$  40.0 (C <sub>$\alpha$</sub> ), 79.5 (C <sub>$\beta$</sub> ), 102.0 (C<sub>6</sub>) 123.3 (C<sub>3,8</sub>), 129.1 (C<sub>6a</sub>), 130.8 (C<sub>4a</sub>), 136.2 (C<sub>4,7</sub>), 145.8 and 147.3 (C<sub>10a,b</sub>), 150.1 (C<sub>2,9</sub>) 151.4 (C<sub>5</sub>) ppm. ESI-MS:  $m/z$  = 240.0 (M<sup>+</sup>), 262.1 (M+Na<sup>+</sup>).

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