SUPPORTING INFORMATION


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Content

- Copy of $^1$H and $^{13}$C NMR spectra of all new compounds
- ORTEP view of compounds 2, 15a and 15d
3,10-Dimethoxy-7,8-dihydro-8-hydroxy-7-methyl-indeno[1’,2’:4,5]pyrido[2,1-
a]isoindol-5-one (7b)
2-(6-Chloro-2-methyl-pyridin-3-yl)-benzaldehyde (8)
3-Methoxy-7,8-dihydro-8-hydroxy-7-methyl-indeno[1’,2’:4,5]pyrido[2,1-α]isoindol-5-one (9b)
2-Amino-5,6-bromopyridine (13)
2,3-Dibromo-6-chloropyridine (11)
3-Bromo-6-chloro-2-phenylpyridine (10a)
3-Bromo-6-chloro-2-(4-methoxyphenyl)pyridine (10b)
3-Bromo-6-chloro-2-(4-(methylthio)phenyl)pyridine (10c)
4-(3-Bromo-6-chloropyridin-2-yl)benzaldehyde (10d)
3-Bromo-6-chloro-2-[4-(dimethylamino)phenyl]pyridine (10e)
4-(3-Bromo-6-chloropyridin-2-yl)pyridine (10f)
3-Bromo-6-chloro-2-(phenylethynyl)pyridine (14)
2-[2-(6-Phenyl-pyridin-2-yl)-benzaldehyde]-benzaldehyde (16)
7,8-dihydro-8-hydroxy-7-phenyl-indeno[1',2':4,5]pyrido[2,1-a]isoindol-5-one (15a)
7,8-dihydro-8-hydroxy-7-(4-methoxy-phenyl)-inden[1’,2’:4,5]pyrido[2,1-a]isoindol-5-one (15b)
7,8-dihydro-8-hydroxy-7-(4-methylthio-phenyl)-indenol[1‘,2‘:4,5]pyrido[2,1-
a]isoindol-5-one (15c)
Single Crystal Diffraction

Figure S1: ORTEP plot of 2 (hydrogen atoms, except those involved in internal hydrogen bond or belonging to the sp$^3$ backbone carbon atom are omitted for clarity); displacement ellipsoids set at 50% probability.

Figure S2: ORTEP plot of 15a (hydrogen atoms, except those involved in internal hydrogen bond or belonging to the sp$^3$ carbon atom are omitted for clarity); displacement ellipsoids set at 50% probability.
Figure S3: ORTEP plot of 15d (hydrogen atoms, except those involved in internal hydrogen bond or belonging to the sp$^3$ carbon atom are omitted for clarity); displacement ellipsoids set at 50% probability.