

Glycosylated Porphyrins, Phthalocyanines, and Other Porphyrinoids for Diagnostics and Therapeutics

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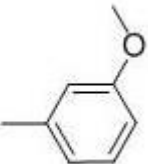
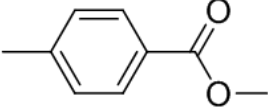
Dedicated to the memory of Dr. Clifford E. Soll, all around excellent chemist and colleague.

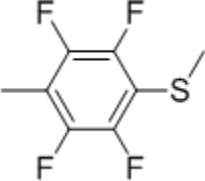
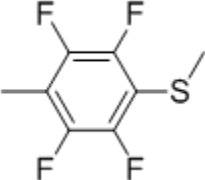
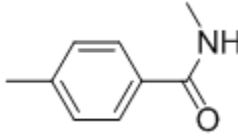

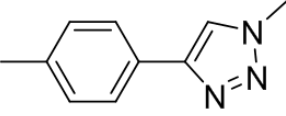
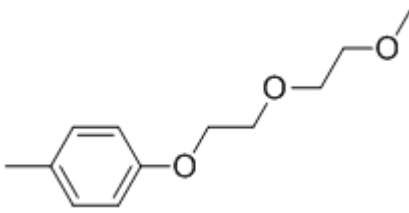
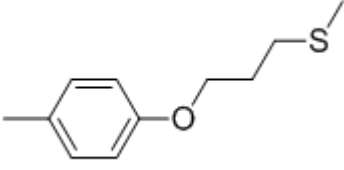
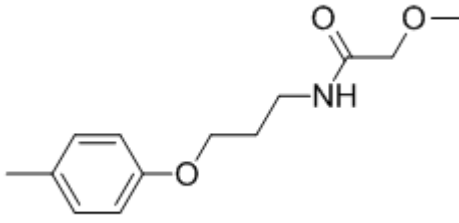
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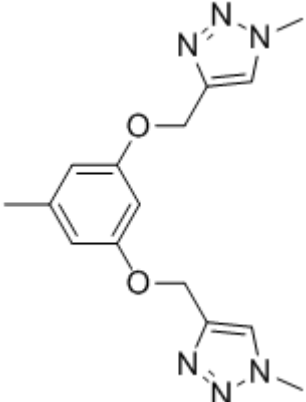
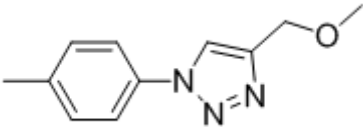
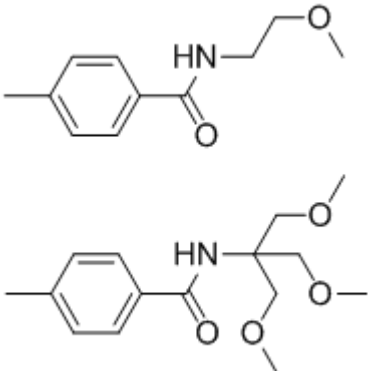
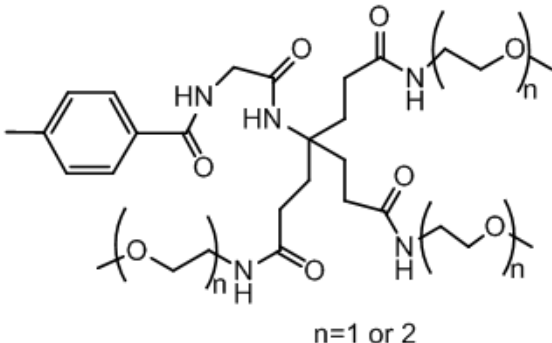
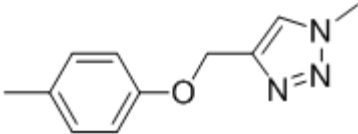
1. APPENDIX S1
2. REFERENCES S7

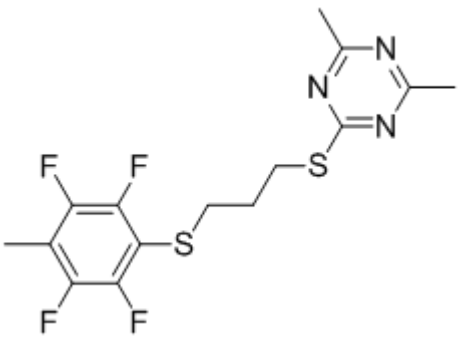
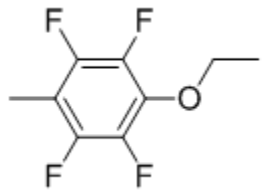
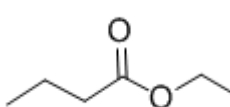
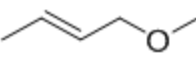
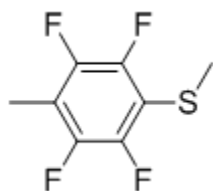
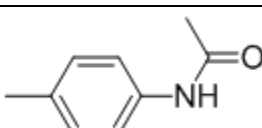
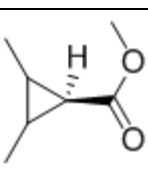
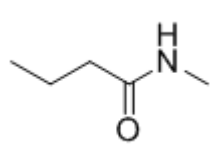
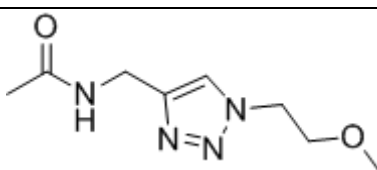
1. APPENDIX

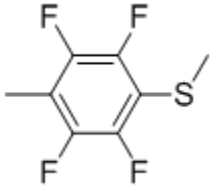
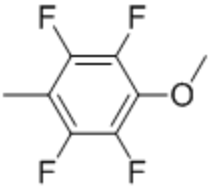
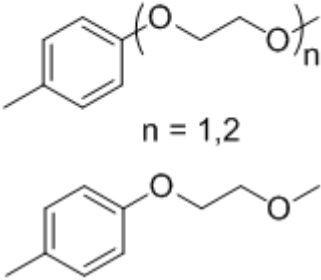
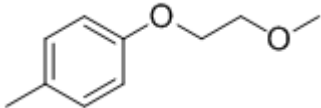
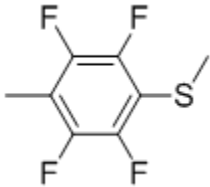
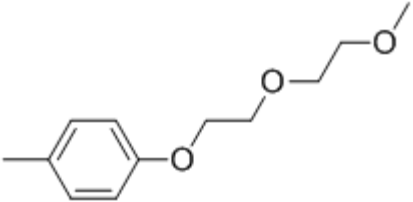
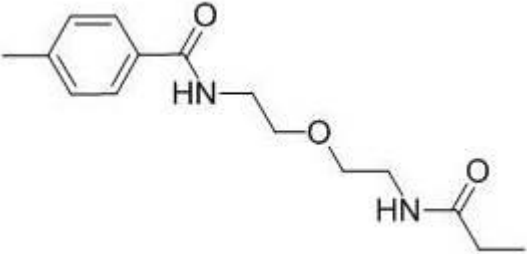
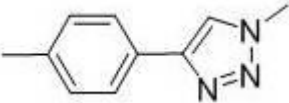
Table1: Appendix


No.	Macrocycle	Spacer	Sugar	Example ref.
1	Porphyrin		Glucose Galactose	Fig. 6 ¹
2	Porphyrin		Galactose	Fig 7 ²

3	Porphyrin, Chlorin, Isobacteriochlorin, and Bacteriochlorin		Glucose & Galactose	Fig 26 ³ Fig 8,9 ⁴
4	Porphyrin		Glucose	Fig. 10 ⁵⁻⁷
5	Porphyrin		Glucose	Fig. 11 ⁸
6	Porphyrin		Glucose	Fig. 12 ^{9, 10}
7	Zn-Porphyrin		Galactose	Fig 13 ¹¹
8	Porphyrin		Glucose Galactose & Mannose	Fig 14 ¹²
9	Porphyrin		Glucose Galactose & Mannose	Fig 15 ¹³
10	Porphyrin		Glucose	Fig 16 ^{14, 15}

11	Cu-Porphyrin		Lactose	Fig 17 ⁶
12	Zn-Porphyrin		Glucose & Mannose	Fig 18 ⁷
13	Porphyrin		Glucose	Fig 19 ⁸
14	Porphyrin	 <p style="text-align: center;">n=1 or 2</p>	Mannose	Fig 20 ⁹
15	Porphyrin		Glucose	Fig 21 ²⁰

16	Porphyrin		Galactose	Fig 22 ²¹
17	Porphyrin		Cyclodextrin	Fig 23 ^{22, 23}
18	Porphyrin		Hyaluronic acid	Fig 24 ²⁴
19	Porphyrin		Ribose Galactose Glucose & Fructose	Fig 25 ²⁵
20	Zn/H ₂ Porpholactone		Glucose	Fig 29 ²⁶
21	Chlorin and Bacteriochlorin		Glucose	Fig. 30 ²⁷
22	trans-Chlorin		Glucose, Fructose, Galactose and xylofuranose	Fig. 31 ²⁸
23	Chlorin		Glucose	Fig 32 ²⁹
24	Chlorin		β -Lactose	Fig.33 ³⁰

25	Corrole		Glucose & Xylose	Fig 34 ³¹
26	Corrole		Galactose	Fig 34 ³²
27	Porphyrin Dimer		Glucose & Mannose Lactose	Fig 35 ³³
28	Zn-Porphyrin Oligomer		Mannose	Fig 36 ³⁴
29	Tripily bridged fused porphyrin		Glucose	Fig 37 ³⁵
30	Zn-Porphyrin		Mannose	Fig 38 ³⁶
31	Tetrabenzoporphyrin		Glucose	Fig. 40 ³⁷
32	Pd(II) tetrabenzoporphyrin		Galactose	Fig. 41 ¹¹

46	Porphyrazine		Galactose Ribose	Fig 58 ^{56, 57}
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