

Supplementary Information for

Methoxyquinoline-Diethylenetriamine Conjugate as a Fluorescent Zinc Sensor

Yuji Mikata,^{*a} Azusa Yamashita,^b Keiko Kawata,^b Hideo Konno,^c Saori Itami,^d Keiko

Yasuda^d and Satoshi Tamotsu^d

^aKYOUSEI Science Center, ^bDepartment of Chemistry and ^dDepartment of Biological Sciences,

Nara Women's University, Nara 630-8506, Japan and ^cNational Institute of Advanced

Industrial Science and Technology (AIST), 1-1-1 Higashi, Tsukuba, Ibaraki 305-8565, Japan

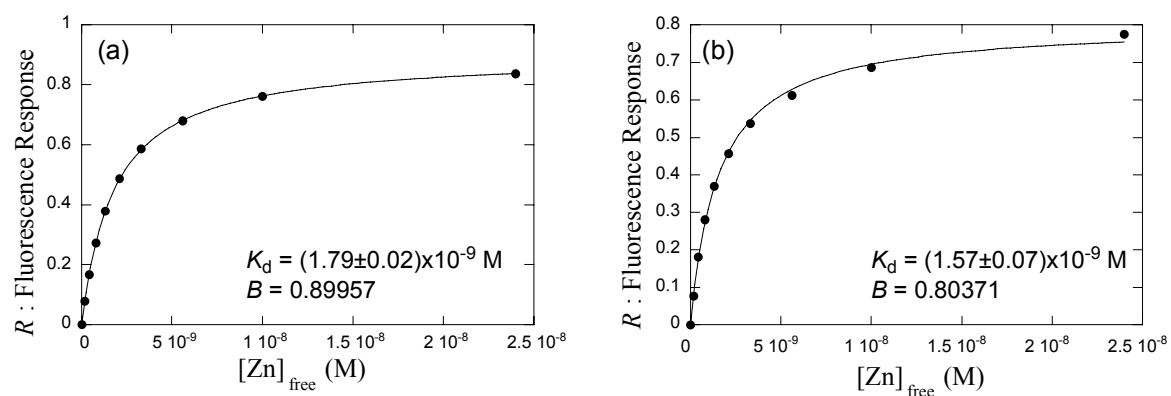


Figure S1. Curve-fitting for calculation of dissociation constants (K_d) of (a) 6-MeOBQDIEN and (b) BQDIEN with zinc ion. Experimental data are fitted to equation (1) (see text) using KaleidaGraph software.