SUPPORTING INFORMATION

Pyridoxamine as a potential scavenger of neurotoxic dopamine quinone: Inhibition of dopamine-induced α-synuclein oligomerization

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Table S1. ^{1}H NMR, ^{1}H-^{13}C HMQC, and ^{1}H-^{1}H COSY assignments for the PL–DA adduct. Please refer to Fig. S2A for numbering.

Atom number	**δ H (ppm)**	**HMQC**	**COSY**
1	7.91 (s, 1H)	C(1)	H(8)
2	6.44 (s, 1H)	C(2)	
3	6.01 (s, 1H)	C(3)	H(4)
4	5.20 (s, 1H)	C(4)	H(6′) or H(7)
5	4.62 (dd, *J* = 7.2, 13.2 Hz, 1H)	C(5)	
5′	4.54 (dd, *J* = 8.4, 13.2 Hz, 1H)	C(5)	
6	3.19-3.21 (m, 1H)	C(6)	H(7′), H(6′) or H(7)
6′	2.81-2.85 (m, 2H)*	C(6)	
7	2.81-2.85 (m, 2H)*	C(7)	
7′	2.50-2.52 (m, 1H)	C(7)	H(6′) or H(7)
8	2.18 (s, 3H)	C(8)	

* Peaks for H-6′ and H-7 in ^{1}H-NMR spectrum were overlapped due to their close chemical shifts.

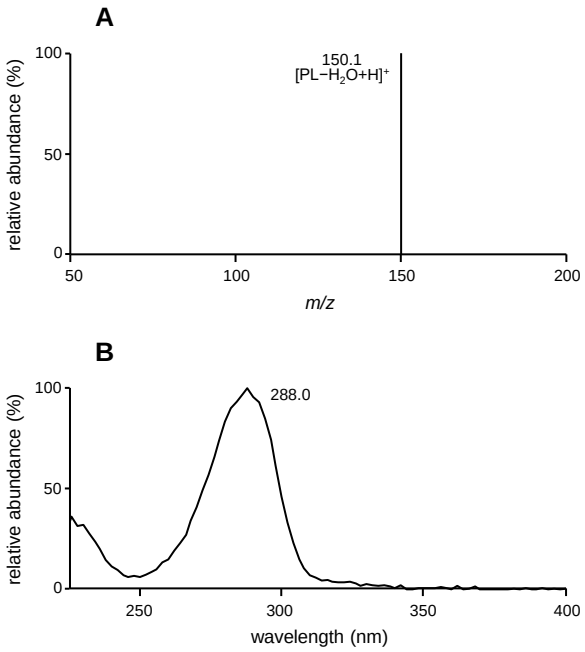

Figure S1. LC/ESI-MS/MS and UV analyses of PL produced by the reaction between PM and DA. (**A**) MS/MS spectrum of $[M + H]^+$ at *m/z* 168.1. (**B**) UV spectrum showing λ_{max} at 288.0 nm.

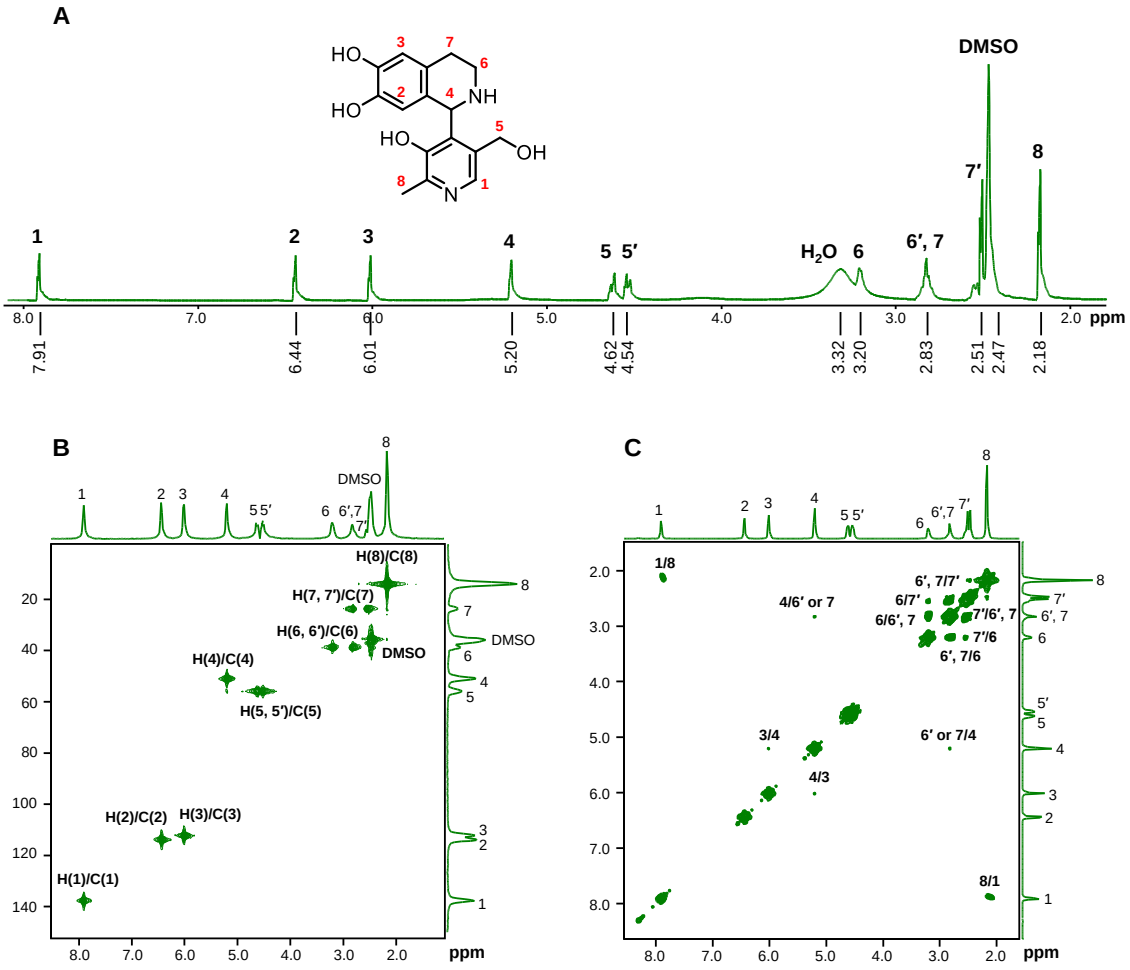

Figure S2. (**A**) ^{1}H NMR, (**B**) ^{1}H-^{13}C HMQC, and (**C**) ^{1}H-^{1}H COSY spectra of the PL–DA adduct (1-[3-hydroxy-5-(hydroxymethyl)-2-methylpyridin-4-yl]-1,2,3,4-tetrahydroisoquinoline-6,7-diol).

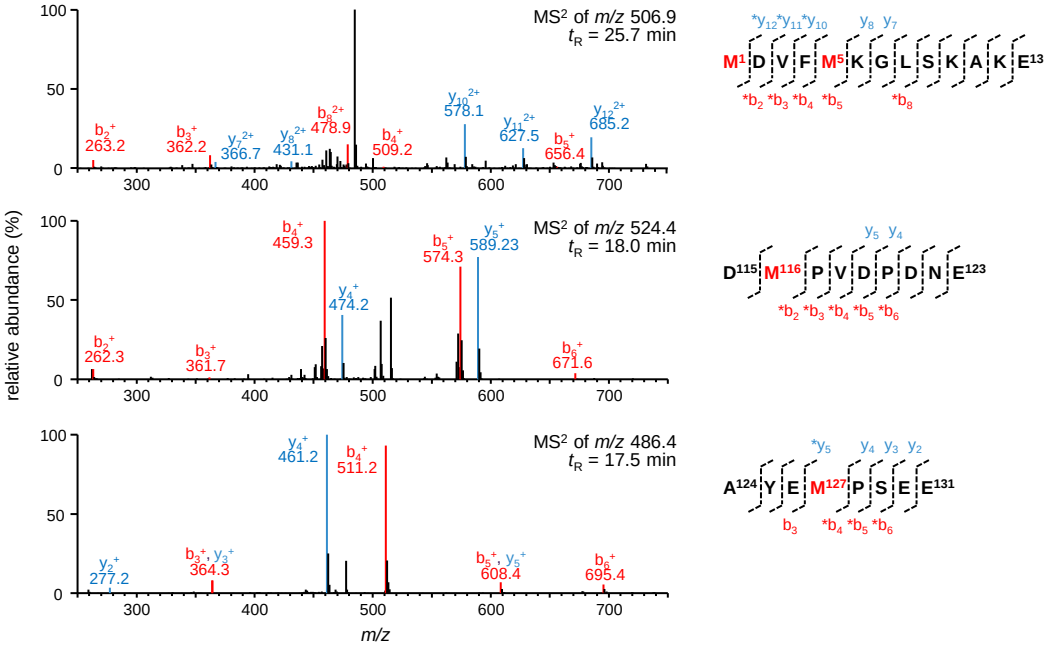

Figure S3. MS/MS spectra of V8 α-Syn peptides containing oxidized Met.