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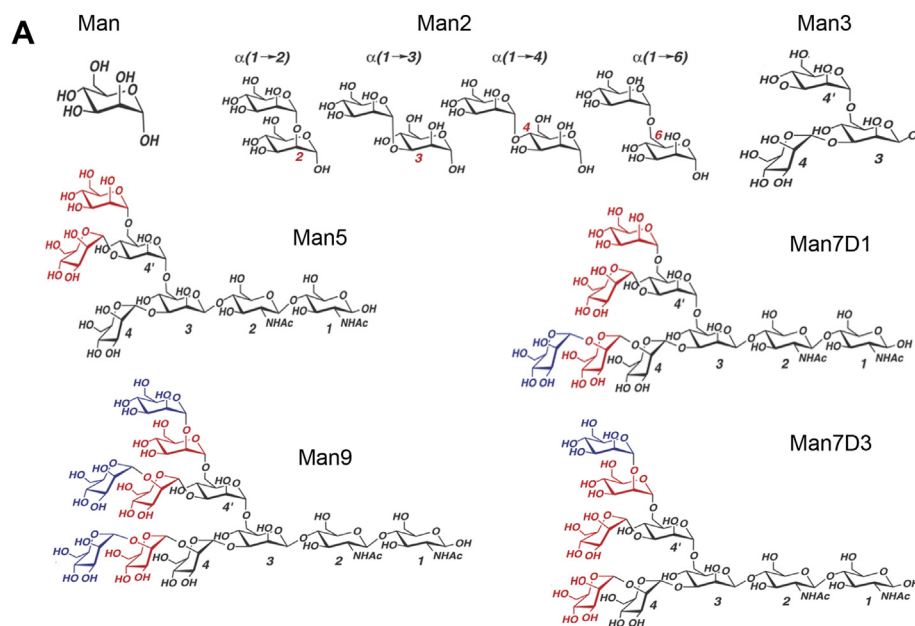
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**Correction: The barley lectin, horcolin, binds high-mannose glycans in a multivalent fashion, enabling high-affinity, specific inhibition of cellular HIV infection**

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For Fig. 3A, the schematic representation of the structure of Man7D3 was mistakenly duplicated with the one of Man5 during article preparation. The corrected images are presented in the revised Fig. 3A. In Table 1, there is an error in one of the exponential values. The error is only in the exponential term of  $K_A$  value and there is no change in  $K_D$ . This correction does not affect the results or the conclusions of the work. The authors apologize for inconvenience these errors may have caused readers.



**Table 1. Thermodynamic parameters of manno-oligosaccharide binding to horcolin at 25 °C**

Ligand	N	$K_A$ ( $M^{-1}$ )	$K_D$	$\Delta H$ (kcal/mol)	$\Delta G$ (kcal/mol)	$T\Delta S$ (kcal/mol)
Me- $\alpha$ -manno pyranoside	$1.72 \pm 0.328$	$200 \pm 27.8$	5.00 mM	-6.324	-3.1354	-3.1886
$\alpha$ -D-Man	$1.90 \pm 0.521$	$101 \pm 12.5$	9.90 mM	-5.517	-2.73368	-2.78332
Man $\alpha$ 1-2-Man	$1.946 \pm 0.4028$	$398.9 \pm 41.42$	2.50 mM	-8.974	-3.5504	-5.4236
Man $\alpha$ 1-3-Man	$1.88 \pm 0.0724$	$596 \pm 14.6$	1.67 mM	-10.46	-3.7848	-6.6752
Man $\alpha$ 1-6-Man	$1.78 \pm 0.243$	$227 \pm 10.3$	4.40 mM	-14.88	-3.2282	-11.6518
Man $\alpha$ 1-4-Man	$1.77 \pm 0.649$	$196 \pm 21.2$	5.10 mM	-10.28	-3.128	-7.152
Man3	$2.01 \pm 0.0275$	$6.10 E3 \pm 300$	163 $\mu$ M	-12.94	-5.1622	-7.7778
Man5	$0.774 \pm 0.076$	$5.99 E4 \pm 1.00 E5$	16.69 $\mu$ M	-16.76	-6.5088	-10.2512
Man7-D1	$0.925 \pm 0.0117$	$2.61 E5 \pm 2.87 E4$	3.831 $\mu$ M	-17.1	-7.3256	-9.7744
Man7-D3	$1.09 \pm 0.00711$	$2.4 E5 \pm 1.45 E4$	4.16 $\mu$ M	-15.99	-7.348	-8.642
Man9	$1.34 \pm 0.018$	$8.60 E4 \pm 1.21 E4$	11.6 $\mu$ M	-8.277	-6.73038	-1.54662

Abbreviations: N, stoichiometry coefficient (number of sugars bound per mole of horcolin monomer);  $\Delta H$ , enthalpy;  $\Delta S$ , entropy;  $\Delta G$ , reaction energy (calculated with the formula  $\Delta G = -RT \ln K_b$ , where  $R = 1.987 \text{ cal/mol}\cdot K$ ).