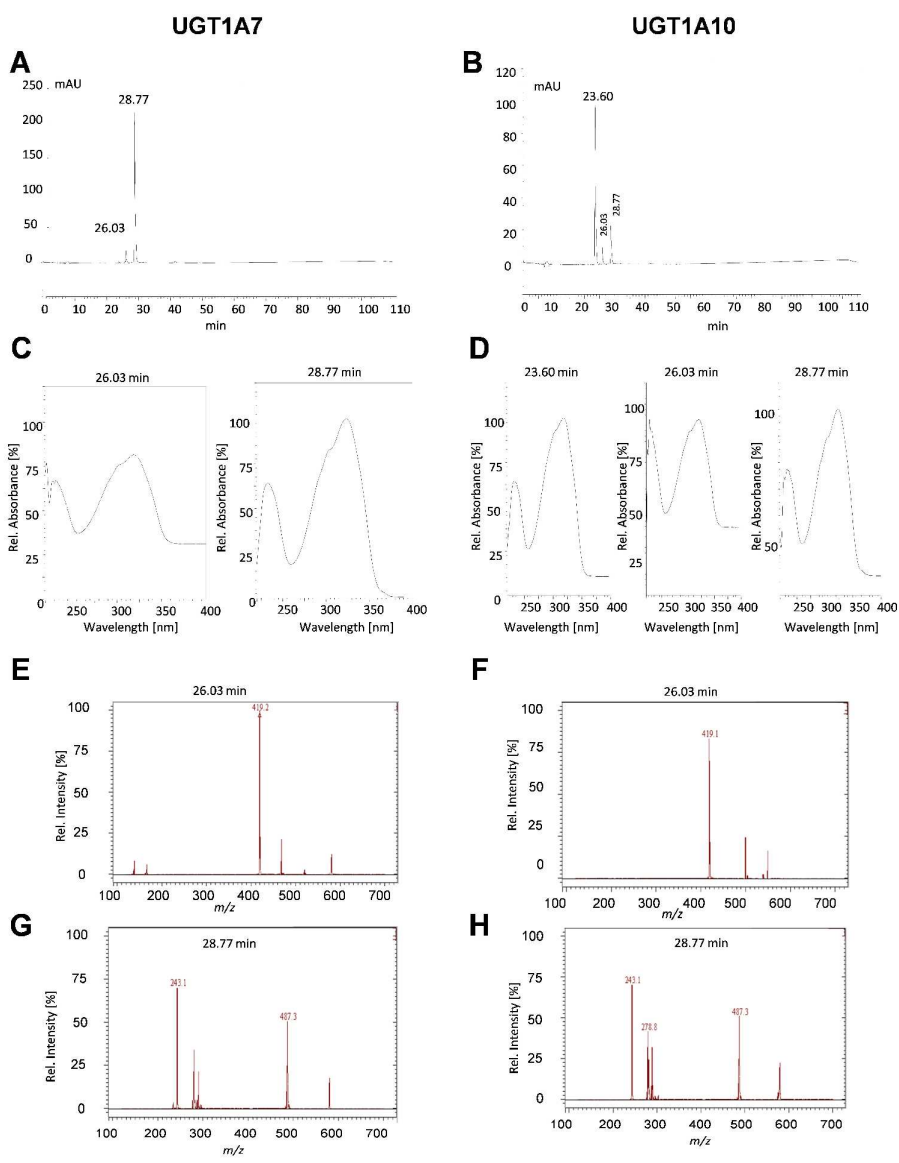
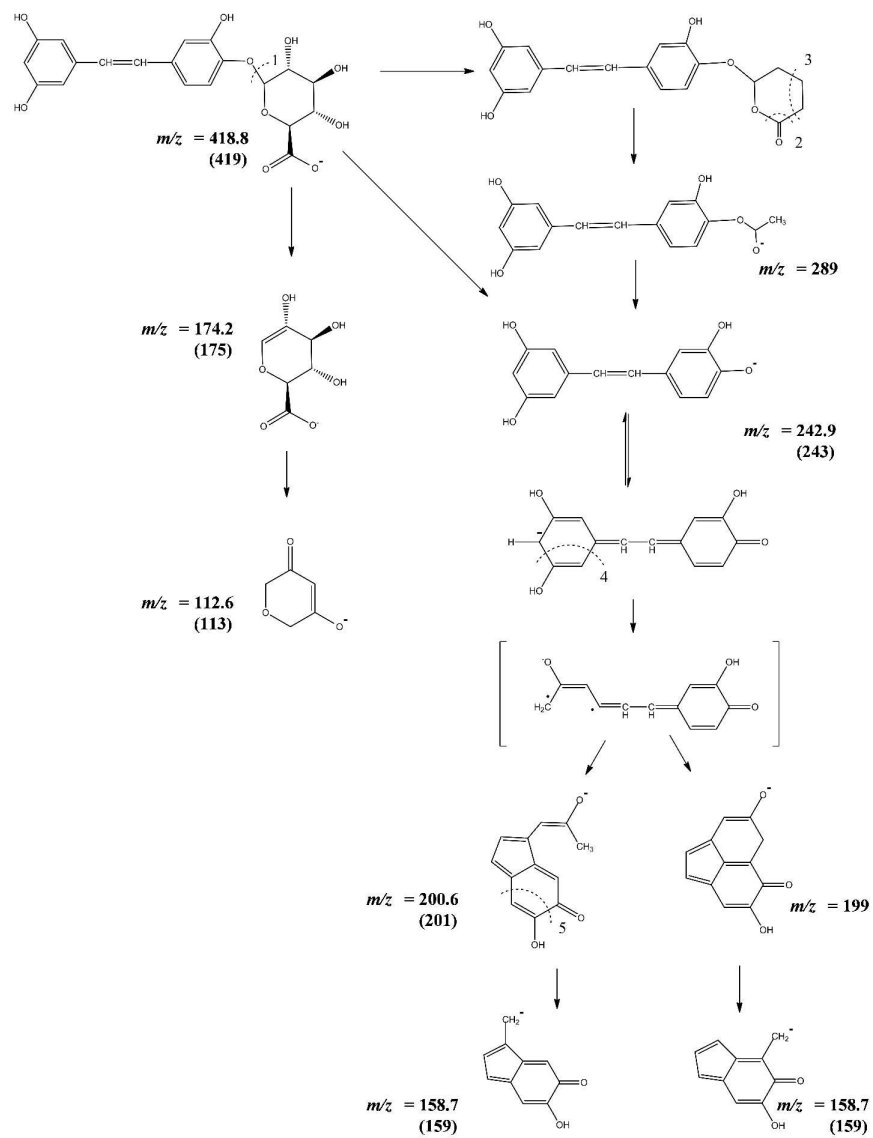


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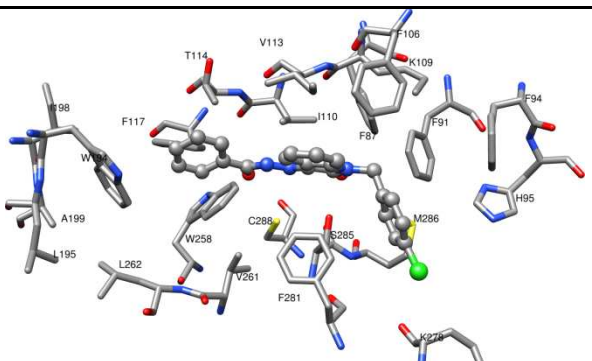
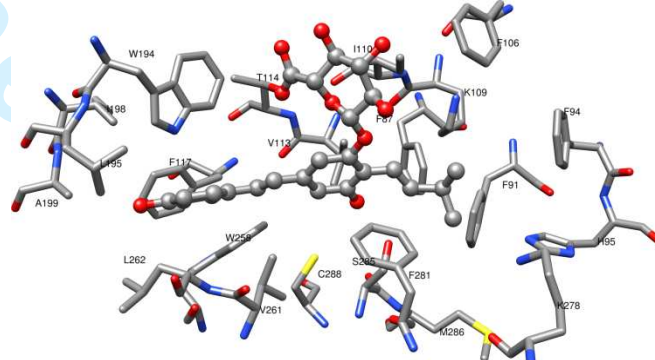


Supplemental File 1  
1190x1587mm (96 x 96 DPI)

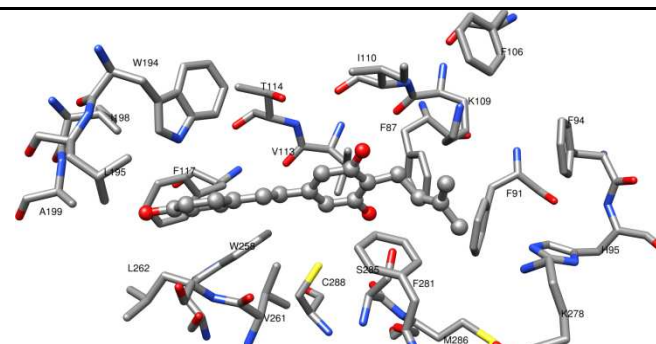


Supplemental File 2  
1190x1587mm (96 x 96 DPI)

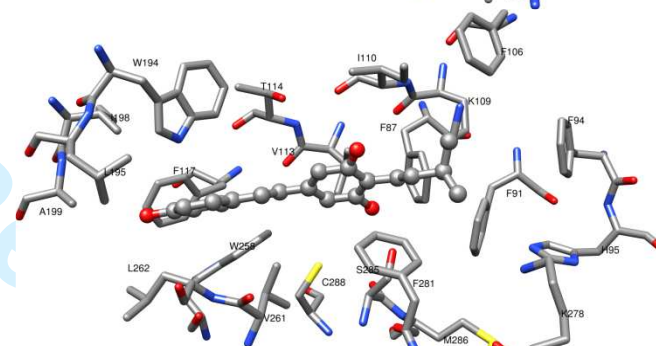
**Table S1.** Glide GScore docking scores, experimental  $K_i$  values and binding poses.

Ligand	Glide GScore	$K_i^a$	Docked Pose <sup>b</sup>
N-alkyl isatin benzohydrazide	-8.18	<i>b</i>	
3-glucuronide-trans-arachidin-3 <sup>c</sup>	-7.51	--	

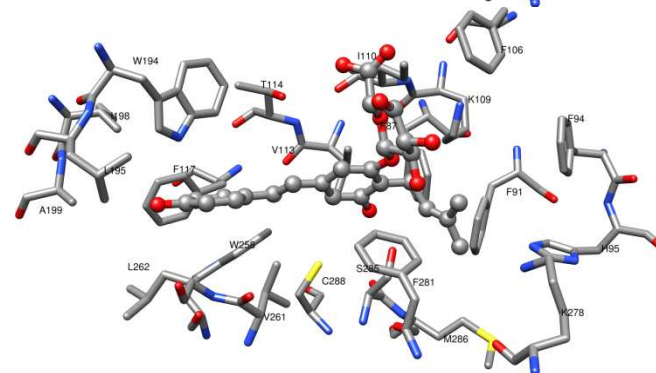
trans-arachidin-2 (tA2)<sup>c</sup> -7.48 --



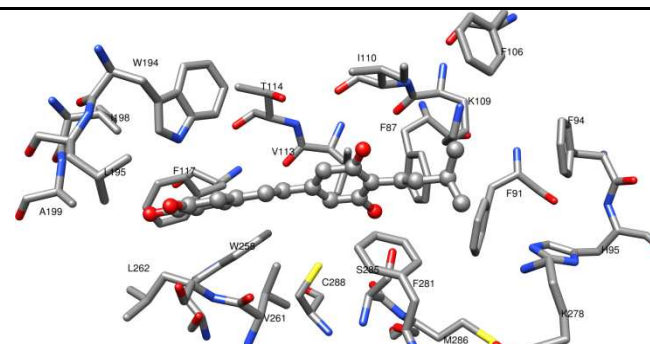
trans-arachidin-3 (tA3)<sup>c</sup> -7.11 11.3 ± 0.6



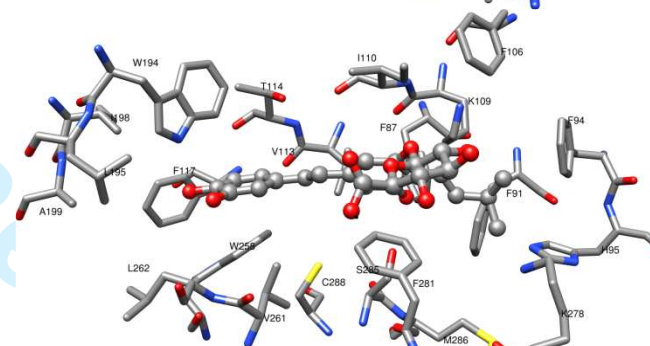
3-glucuronide-trans-arachidin-2<sup>c</sup> -7.00 --



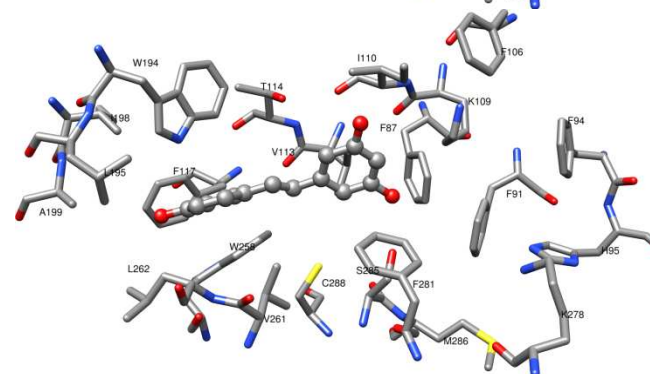
trans-arachidin-1 (tA1)<sup>c</sup> -6.95 12.6 ± 1.7



3-glucuronide-trans-arachidin-1<sup>c</sup> -6.88 --



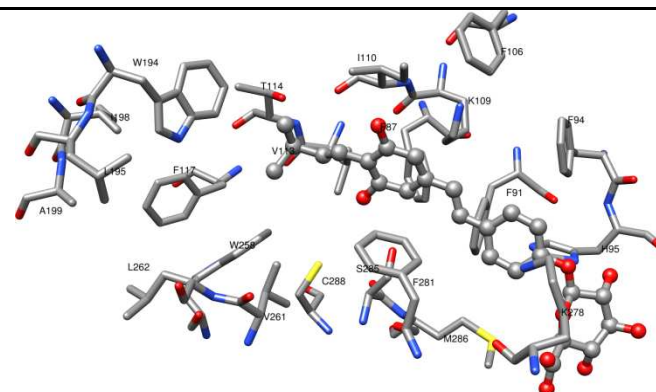
trans-resveratrol (tRes)<sup>c</sup> -6.66 65.5 ± 12.4



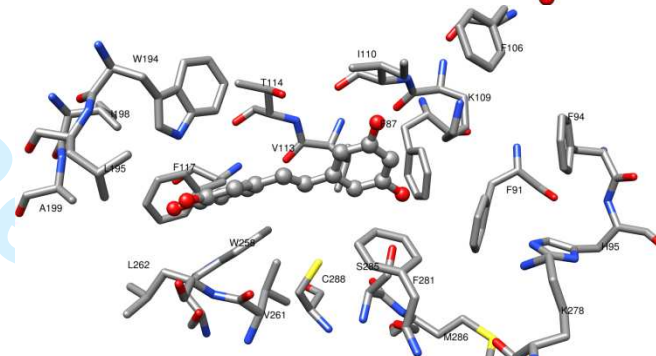
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4'-glucuronide-trans-arachidin-3	-6.54	--
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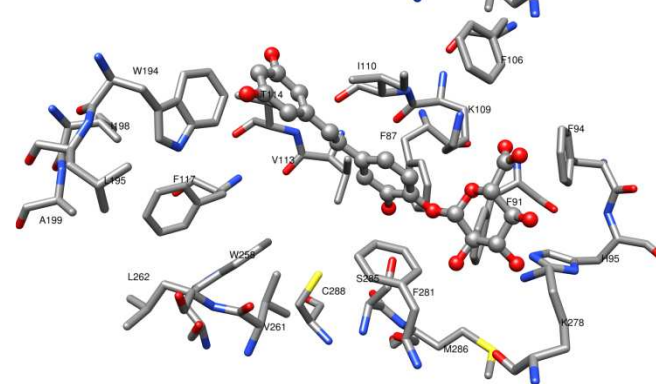


trans-piceatannol (tPice) <sup>c</sup>	-6.27	114 ± 7.8
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4'-glucuronide-trans-piceatannol <sup>c</sup>	-6.03	--
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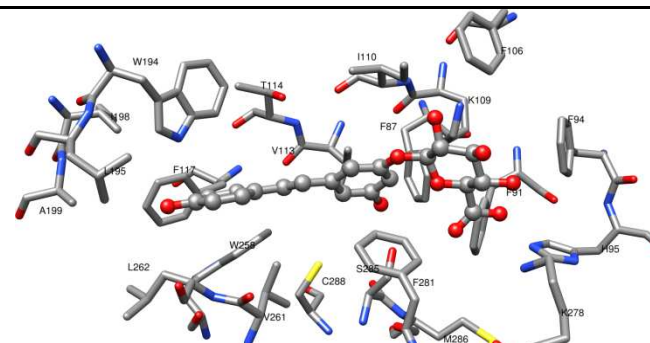
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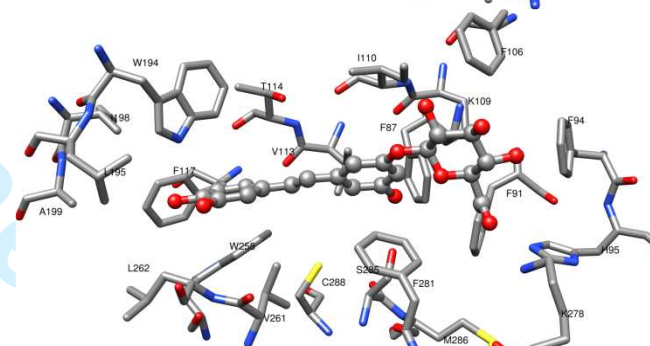
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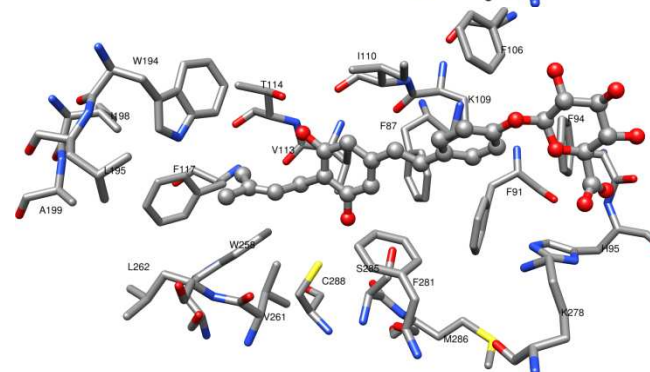
3-glucuronide-trans-resveratrol<sup>c</sup>      -5.95      --



3-glucuronide-trans-piceatannol<sup>c</sup>      -5.86      >100



4'-glucuronide-trans-arachidin-2      -5.80      --

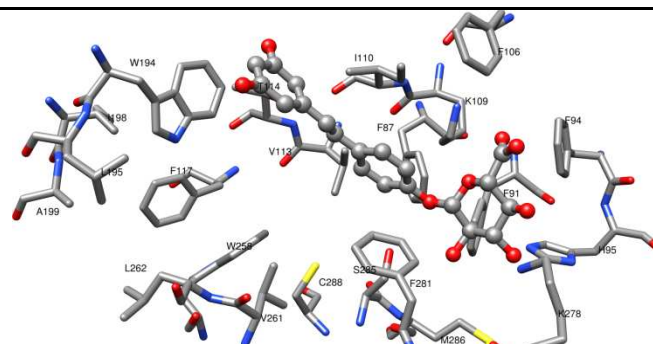




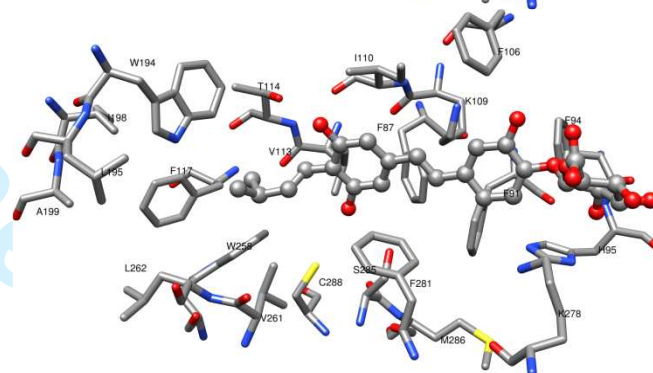
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4'-glucuronide-trans-resveratrol <sup>c</sup>	-5.71	>100
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4'-glucuronide-trans-arachidin-1	-5.06	--
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-- No data.

<sup>a</sup> In  $\mu\text{M}$ .

<sup>b</sup>  $\text{IC}_{50} = 131.1 (\pm 1.7) \text{ nM}$  for  $N'$ -[(3Z)-1-(4-Chlorobenzyl)-2-oxo-1,2-dihydro-3H-indol-3-ylidene] benzohydrazide (**54** in Ref. (26)).

<sup>c</sup> Compounds docked for the selection of the protein model.

<sup>†</sup> Snapshots rendered using the UCSF Chimera package from the Resource for Biocomputing, Visualization, and Informatics at the University of California, San Francisco (UCSF Chimera--a visualization system for exploratory research and analysis. Pettersen EF, Goddard TD, Huang CC, Couch GS, Greenblatt DM, Meng EC, Ferrin TE. J Comput Chem. 2004 Oct;25(13):1605-12).