Electronic Supplementary Material (ESI) for Medicinal Chemistry Communications
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Supporting Information for:

Analogues of the HIV-Tat peptide containing N^{η}-modified arginines as potent inhibitors of Protein Arginine *N*-Methyltransferases

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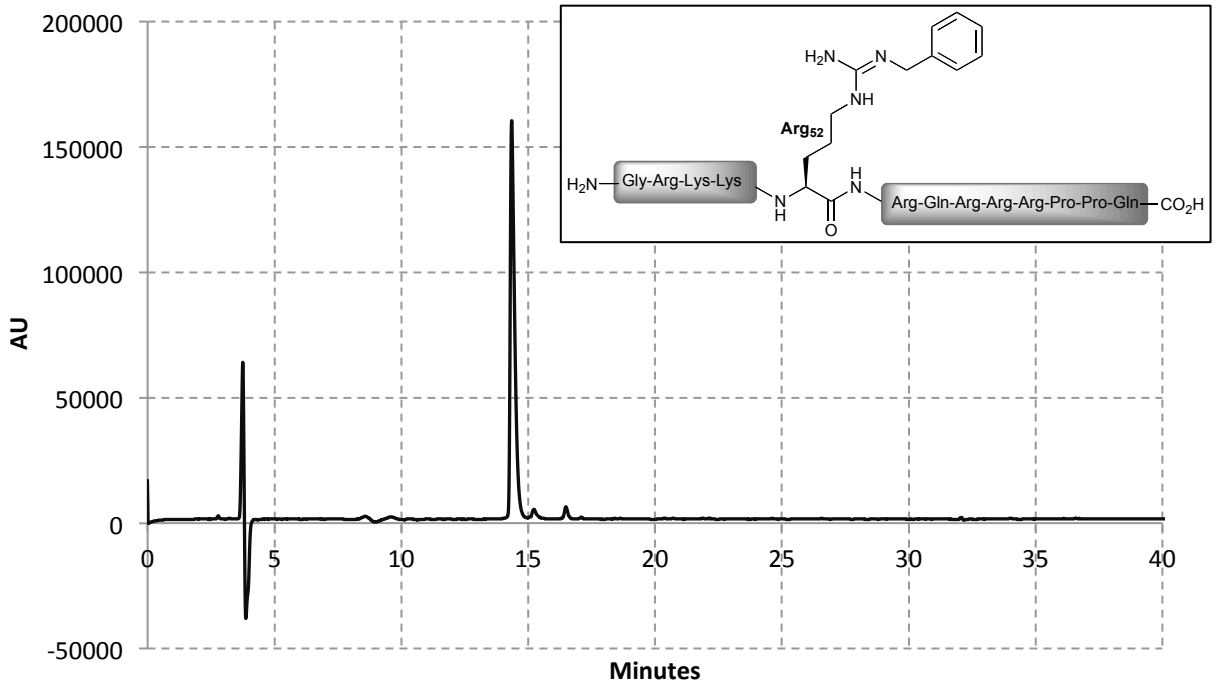
HPLC and MALDI mass spectral data for HIV-Tat$_{48-60}$ analogues 1-8

Peptide	R_t* (min)	Molecular Formula	Calculated MW $[M+H]^+$	Measured MW (MALDI-LRMS)
1	14.35	$C_{77}H_{137}N_{35}O_{16}$	1809.106	1809.209
2	12.27	$C_{70}H_{131}N_{35}O_{16}$	1719.059	1719.663
3	13.06	$C_{72}H_{132}F_3N_{35}O_{16}$	1801.062	1801.706
4	13.56	$C_{72}H_{135}N_{35}O_{16}$	1747.091	1747.605
5	9.98	$C_{74}H_{137}N_{35}O_{16}$	1773.106	1773.631
6	14.19	$C_{73}H_{135}N_{35}O_{16}$	1759.091	1759.626
7	10.25	$C_{70}H_{131}N_{35}O_{17}$	1735.054	1735.227
8	12.79	$C_{67}H_{124}N_{32}O_{16}$	1633.995	1634.579

*Analytical HPLC Conditions: Prosphere C18 column (250 x 4.6 mm, 300 Å, 10 μm); a gradient of 5→95% acetonitrile (0.1 % TFA) in 40 min; flow rate 1.0 mL/min.

Analytical HPLC traces for HIV-Tat$_{48-60}$ analogues 1-8

HIV-Tat$_{48-60}$ analogue 1



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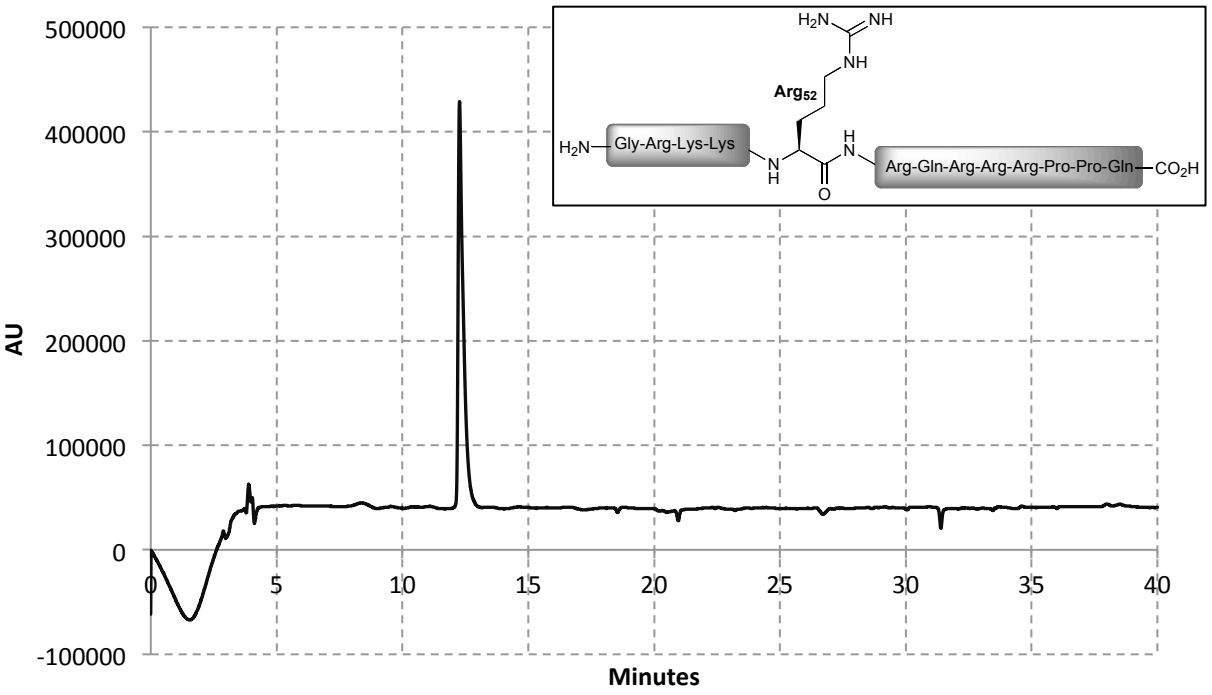
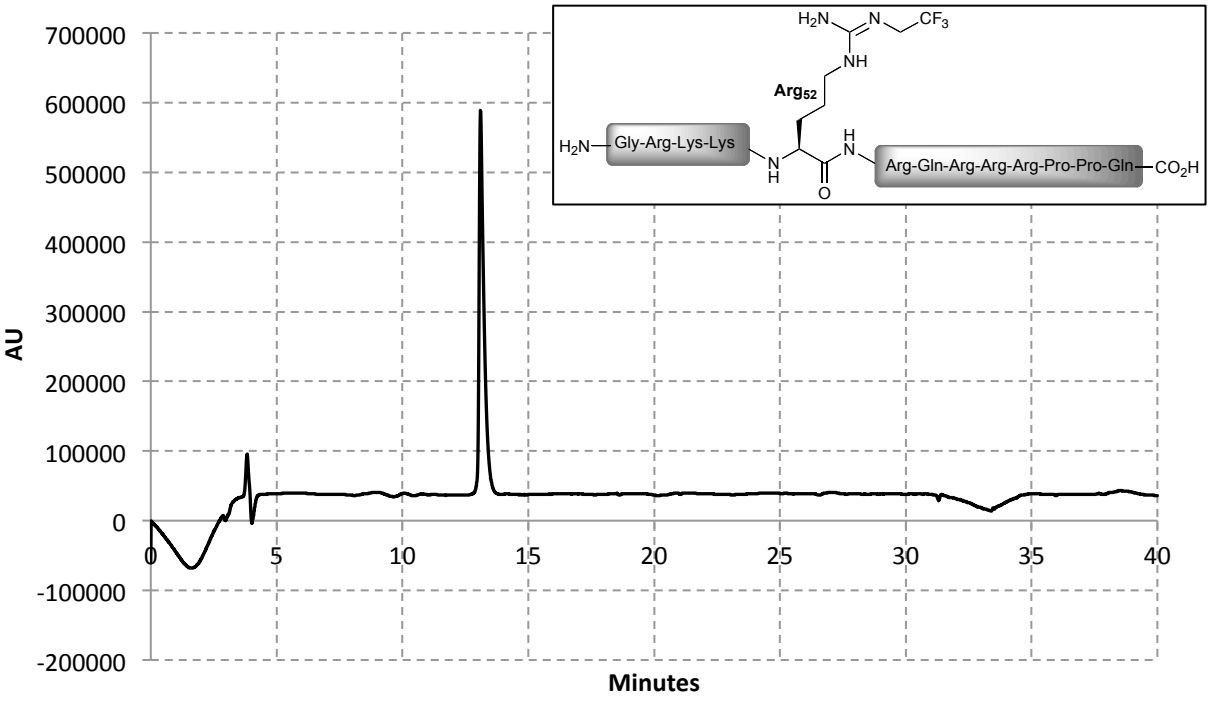
HIV-Tat$_{48-60}$ analogue 2



HIV-Tat$_{48-60}$ analogue 3



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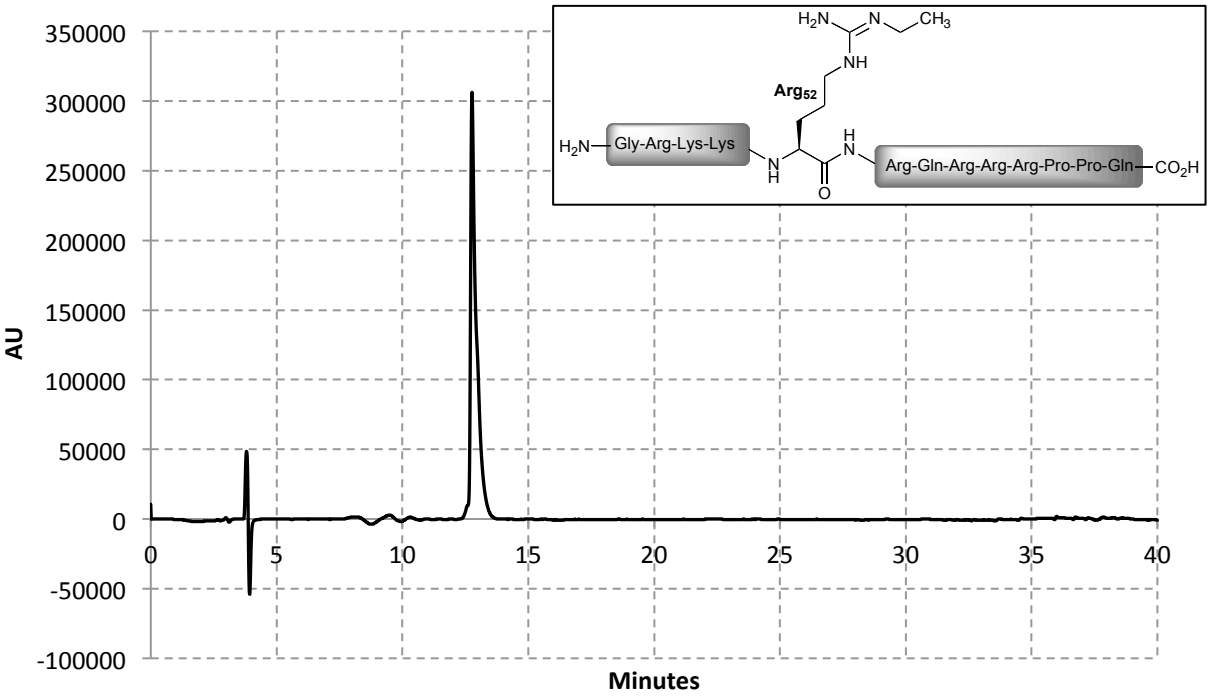
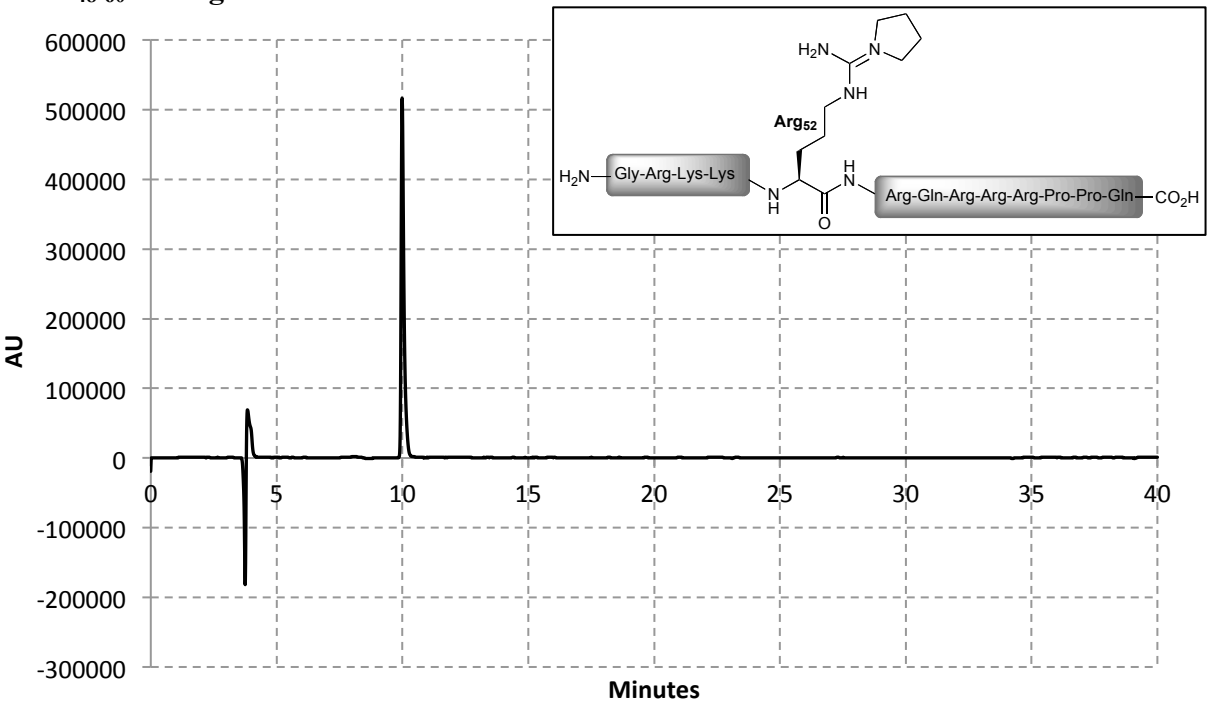
HIV-Tat$_{48-60}$ analogue 4



HIV-Tat$_{48-60}$ analogue 5



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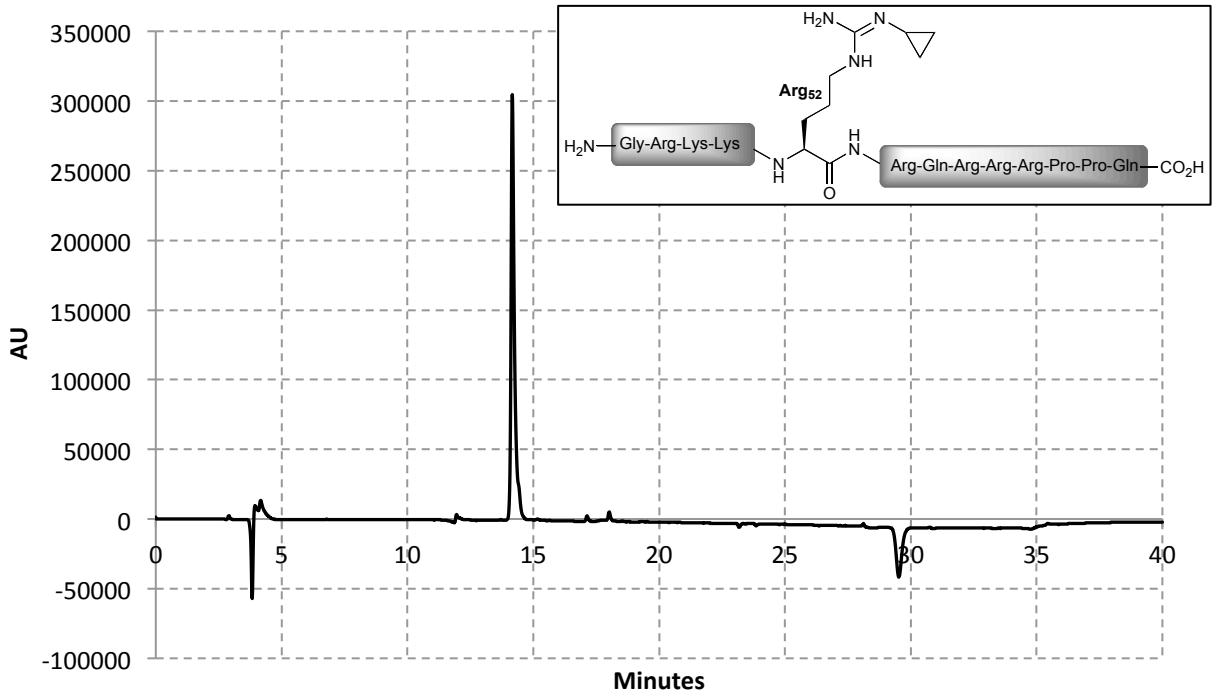
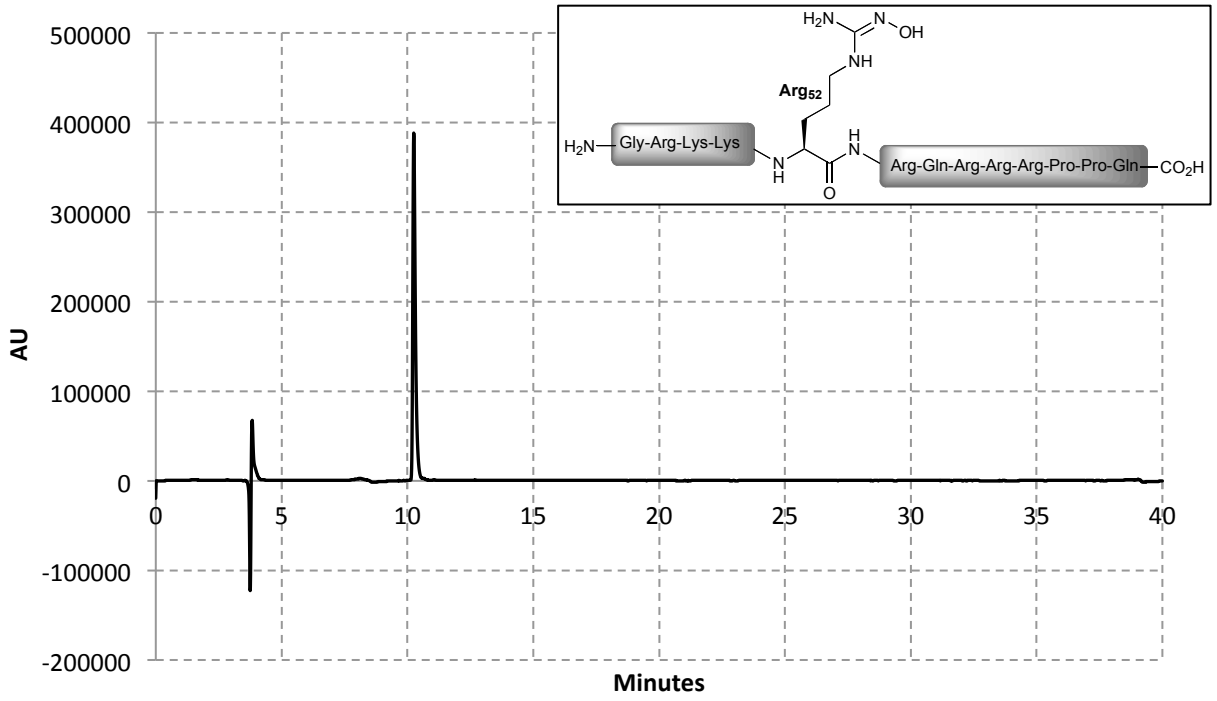
HIV-Tat$_{48-60}$ analogue 6



HIV-Tat$_{48-60}$ analogue 7



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HIV-Tat$_{48-60}$ analogue 8