## **Supporting Information**

Org. Commun.

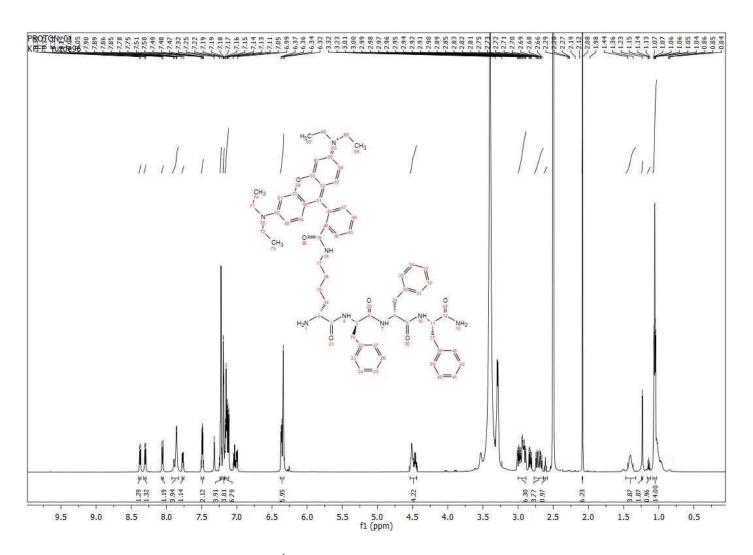
## Molecular Modeling, Synthesis and Characterization of FOLR1 Specific Peptides for Tumor Targeting Activity

Özgür Yılmaz 📵 1,\*

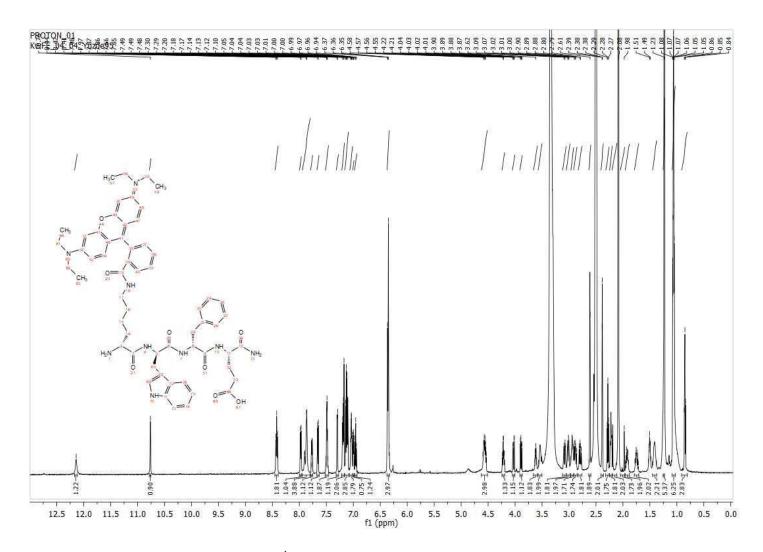
<sup>1</sup>Materials Technologies, Marmara Research Center, TUBITAK, 41470, Gebze, Kocaeli, Türkiye

<sup>\*</sup> Corresponding author: E-mail:**yilmaz.ozgur@tubitak.gov.tr**; Phone: +0(262) 677 2000/3165; Fax: +90(262) 641 2309.

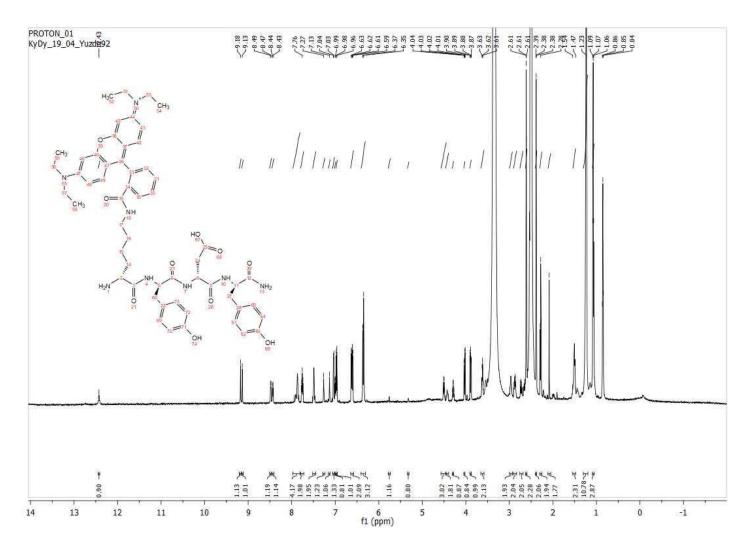
	Table of Contents	Page
Figure 2:	<sup>1</sup> H-NMR spectrum of RhB-K*FFF peptide	3
Figure 3:	<sup>1</sup> H-NMR spectrum of RhB-K*WFE peptide	4
Figure 4:	<sup>1</sup> H-NMR spectrum of RhB-K*YDY peptide	5
Figure 7:	RP-HPLC analytical spectrum of RhB-K*FFF peptide	6
Figure 8:	LC-HRMS/MS spectrum of RhB-K*FFF peptide	7
Figure 9:	RP-HPLC analytical spectrum of RhB-K*WFE peptide	8
Figure 10:	LC-HRMS/MS spectrum of RhB-K*WFE peptide	9
Figure 11:	RP-HPLC analytical spectrum of RhB-K*YDY peptide	10
Figure 12:	LC-HRMS/MS spectrum of RhB-K*YDY peptide	11



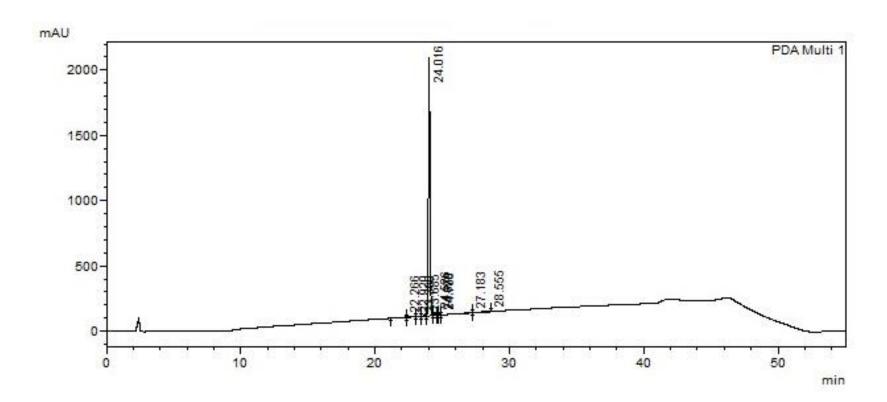
**Figure 2:** <sup>1</sup>H-NMR spectrum of RhB-K\*FFF peptide



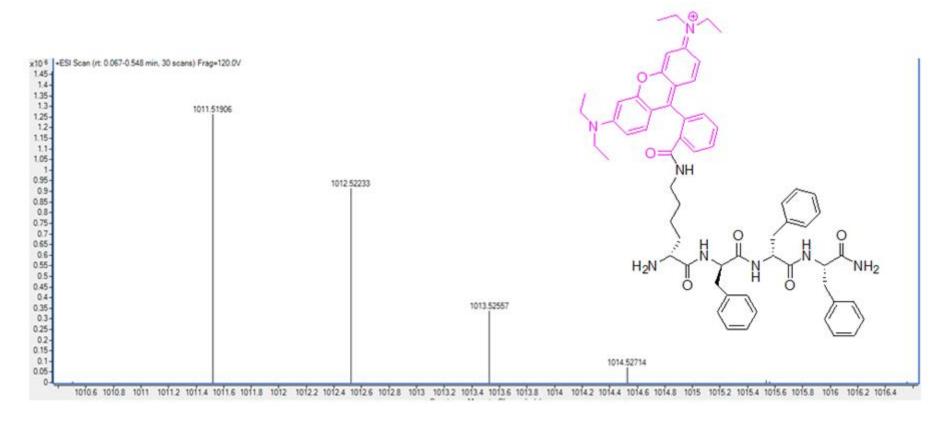
**Figure 3:** <sup>1</sup>H-NMR spectrum of RhB-K\*WFE peptide



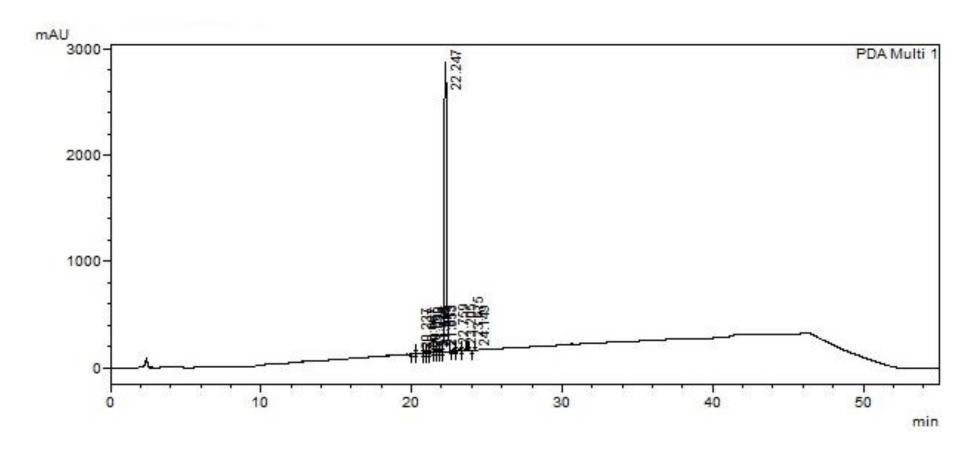
**Figure 4:** <sup>1</sup>H-NMR spectrum of RhB-K\*YDY peptide



**Figure 7:** RP-HPLC analytical spectrum of RhB-K\*FFF peptide



**Figure 8:** LC-HRMS/MS spectrum of RhB-K\*FFF peptide



**Figure 9:** RP-HPLC analytical spectrum of RhB-K\*WFE peptide

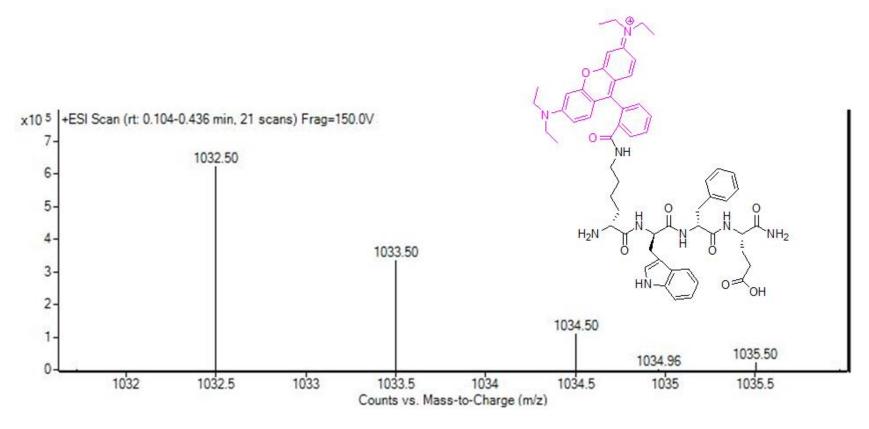


Figure 10: LC-HRMS/MS spectrum of RhB-K\*WFE peptide

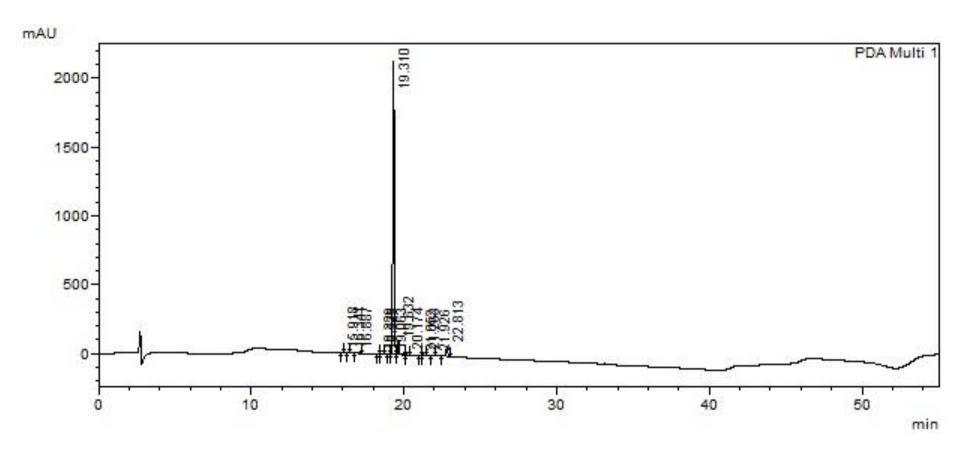


Figure 11: RP-HPLC analytical spectrum of RhB-K\*YDY peptide

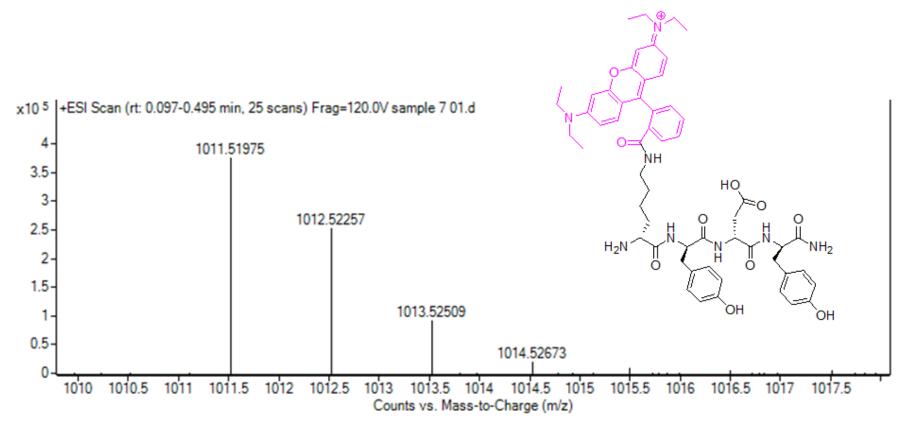


Figure 12: LC-HRMS/MS spectrum of RhB-K\*YDY peptide