

## NOTA-COG1410

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<b>Cat. No.:</b>	HY-P10220
<b>CAS No.:</b>	2914099-35-5
<b>Molecular Formula:</b>	C <sub>76</sub> H <sub>140</sub> N <sub>24</sub> O <sub>19</sub>
<b>Molecular Weight:</b>	1694.07
<b>Sequence:</b>	Ac-Ala-Ser-{Aib}-Leu-Arg-Lys-Leu-{Aib}-{Lys(NOTA)}-Arg-Leu-Leu-NH <sub>2</sub>
<b>Sequence Shortening:</b>	Ac-AS-{Aib}-LRKL-{Aib}-K(NOTA)RLL-NH <sub>2</sub>
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	NOTA-COG1410 forms triggering receptor expressed on myeloid cells 2 (TREM2) targeting radioligand for discovery and diagnosis of digestive system tumors through positron emission tomography/computed tomography <sup>[1]</sup> .
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### REFERENCES

[1]. Shi D, et al., Synthesis and Evaluation of <sup>68</sup>Ga-NOTA-COG1410 Targeting to TREM2 of TAMs as a Specific PET Probe for Digestive Tumor Diagnosis. Anal Chem. 2022 Mar 8;94(9):3819-3830.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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