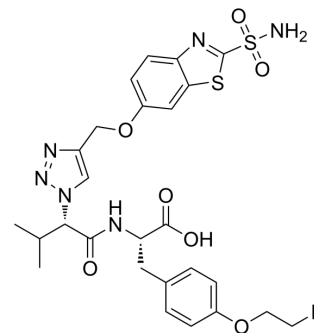


## VM4-037

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-113719   |
| CAS No.:           | 1071470-72-8  |
| Molecular Formula: | C <sub>26</sub> H <sub>29</sub> FN <sub>6</sub> O <sub>7</sub> S <sub>2</sub>             |
| Molecular Weight:  | 620.67  |
| Target:            | Carbonic Anhydrase  |
| Pathway:           | Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

|                           |   |
|---------------------------|---|
| Description               | VM4-037 can be used for the synthesis of VM4-037(18F). VM4-037(18F) is a fluorinated PET imaging agent for carbonic anhydrase IX <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | CA ☒  |

## REFERENCES

[1]. Turkbey B, et al. PET/CT imaging of renal cell carcinoma with (18)F-VM4-037: a phase II pilot study. *Abdom Radiol (NY)*. 2016 Jan;41(1):109-18.

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

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