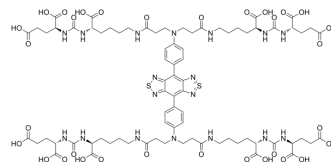


## Bone-1064

Cat. No.:	HY-149765
CAS No.:	2481214-36-0
Molecular Formula:	C <sub>78</sub> H <sub>104</sub> N <sub>18</sub> O <sub>32</sub> S <sub>2</sub>
Molecular Weight:	1869.89
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Bone-1064 is a EuK-based PSMA tetramer bone probe for high-contrast visualization of bone in surrounding tissue. Bone-1064 specifically binds hydroxyapatite in bone tissue and can be used for NIR-II fluorescence imaging in animal models<sup>[1]</sup>.

### REFERENCES

[1]. Zhang L et al. An NIR-II Probe with High PSMA Affinity Demonstrates an Unexpected Excellent Bone Imaging Ability. J Med Chem. 2023 Nov 16.

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

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