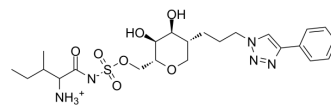


## IleRS-IN-1

Cat. No.:	HY-147672
CAS No.:	2502167-19-1
Molecular Formula:	C <sub>23</sub> H <sub>35</sub> N <sub>5</sub> O <sub>7</sub> S
Molecular Weight:	525.62
Target:	Aminoacyl-tRNA Synthetase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

IleRS-IN-1 (compound 11) is a potent and selective isoleucyl-tRNA synthetase (IleRS) inhibitor, with a  $K_{i,app}$  of 88 nM<sup>[1]</sup>.

### REFERENCES

[1]. De Ruyscher D, et al. Phenyltriazole-functionalized sulfamate inhibitors targeting tyrosyl- or isoleucyl-tRNA synthetase. *Bioorg Med Chem.* 2020 Aug 1;28(15):115580.

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

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