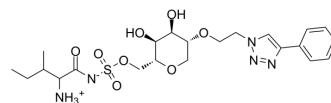


Isoleucyl tRNA synthetase-IN-2

Cat. No.:	HY-147674
CAS No.:	2494195-61-6
Molecular Formula:	C ₂₂ H ₃₃ N ₅ O ₈ S
Molecular Weight:	527.59
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

Isoleucyl tRNA synthetase-IN-2 (compound 36a) is a potent and selective isoleucyl-tRNA synthetase (IleRS) inhibitor, with a $K_{i,app}$ of 114 nM^[1].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA