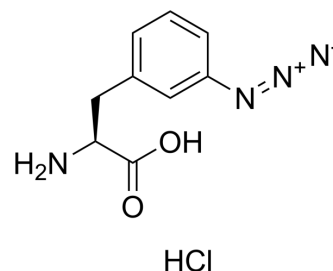


Azide-phenylalanine hydrochloride

Cat. No.:	HY-103700A
CAS No.:	1409940-46-0
Molecular Formula:	C ₉ H ₁₁ ClN ₄ O ₂
Molecular Weight:	242.66
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Azide-phenylalanine hydrochloride is a phenylalanine derivative. Azide-phenylalanine (hydrochloride) is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.
In Vitro	Azide-phenylalanine hydrochloride (Compound 8) is a phenylalanine derivative ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Wang YS, et al. Genetic incorporation of twelve meta-substituted phenylalanine derivatives using a single pyrrolysyl-tRNA synthetase mutant. ACS Chem Biol. 2013 Feb 15;8(2):405-15.

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

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