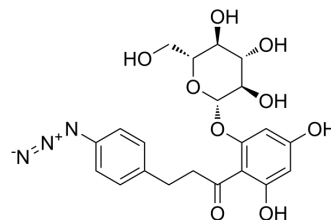


4-Azidophlorizin

Cat. No.:	HY-147115
CAS No.:	79541-46-1
Molecular Formula:	C ₂₁ H ₂₃ N ₃ O ₉
Molecular Weight:	461.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4-Azidophlorizin is a high affinity probe and photoaffinity label for the glucose transporter in brush border membranes^[1]. 4-Azidophlorizin is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

REFERENCES

[1]. Gibbs EM, et al. 4-Azidophlorizin, a high affinity probe and photoaffinity label for the glucose transporter in brush border membranes. *Biochim Biophys Acta*. 1982 Jun 14;688(2):547-56.

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

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