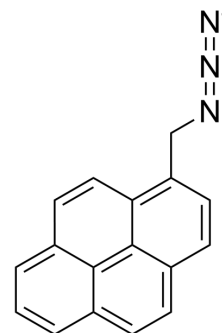


1-(Azidomethyl)pyrene

Cat. No.:	HY-D1548
CAS No.:	1006061-57-9
Molecular Formula:	C ₁₇ H ₁₁ N ₃
Molecular Weight:	257.29
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-(Azidomethyl)pyrene is a fluorescent dye^[1]. 1-(Azidomethyl)pyrene 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]. Martínez Á, et al. Cyclodextrin-based multivalent glycodisplays: covalent and supramolecular conjugates to assess carbohydrate-protein interactions. Chem Soc Rev. 2013 Jun 7;42(11):4746-73.

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

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