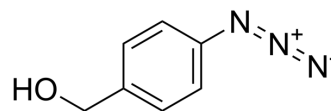


## 4-Azidobenzyl alcohol

Cat. No.:	HY-151840
CAS No.:	31499-54-4
Molecular Formula:	C <sub>7</sub> H <sub>7</sub> N <sub>3</sub> O
Molecular Weight:	149.15
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (1676.17 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	6.7047 mL	33.5233 mL	67.0466 mL	
5 mM	1.3409 mL	6.7047 mL	13.4093 mL	
10 mM	0.6705 mL	3.3523 mL	6.7047 mL	

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

4-Azidobenzyl alcohol is a click chemistry reagent containing an azide group<sup>[1]</sup>. 4-Azidobenzyl alcohol 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]. Jiang X, et al. Recent applications of click chemistry in drug discovery. Expert Opin Drug Discov. 2019 Aug;14(8):779-789.

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

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