Inhibitors

Product Data Sheet

Azetidine-3-carboxylic acid

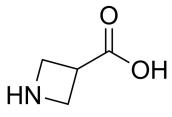
Cat. No.: HY-Y0530 CAS No.: 36476-78-5 Molecular Formula: $C_4H_7NO_2$ Molecular Weight: 101.1

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month



BIOLOGICAL ACTIVITY

Description	Azetidine-3-carboxylic acid is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Azetidine-3-carboxylic acid is also a alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs[2]
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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