
Product Data Sheet

Product Name: Boc-C14-COOH

Cat. No.: GC66213

Chemical Properties

Cas. No. 843666-27-3

Formula $C_{20}H_{38}O_4$ M.Wt 342.51

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Boc-C14-COOH is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Boc-C14-COOH is also a alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs^{[1][2]}.

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].

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

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