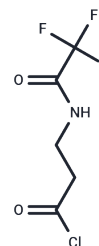


N-trifluoroacetyl-β-alanyl chloride

Chemical Properties

CAS No. :	87639-76-7
Formula:	C ₅ H ₅ ClF ₃ NO ₂
Molecular Weight:	203.55
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-trifluoroacetyl-β-alanyl chloride is a cleavable linker utilized in the synthesis of antibody-drug conjugates (ADCs), which are bioconjugates formed by attaching drug molecules to antibodies.
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9128 mL	24.564 mL	49.128 mL
5 mM	0.9826 mL	4.9128 mL	9.8256 mL
10 mM	0.4913 mL	2.4564 mL	4.9128 mL
50 mM	0.0983 mL	0.4913 mL	0.9826 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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