
Product Data Sheet

Product Name: D-Proline, 4-hydroxy-, methyl ester hydrochloride

Cat. No.: GC66216

Chemical Properties

Cas. No. 114676-59-4

Formula $C_6H_{12}ClNO_3$ M.Wt 181.62

Solubility Storage 4°C, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

D-Proline, 4-hydroxy-, methyl ester hydrochloride is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). D-Proline, 4-hydroxy-, methyl ester hydrochloride 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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