
Product Data Sheet

Product Name: Mal-PEG1-acid

Cat. No.: GC60237

Chemical Properties

Cas. No. 760952-64-5

SMILES O=C(O)CCOCCN1C(C=CC1=O)=OFormula $C_9H_{11}NO_5$

M.Wt 213.19

Solubility DMSO : 100 mg/mL (469.07 mM; Need ultrasonic)

Storage

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**

Mal-PEG1-acid is a non-cleavable (1 unit PEG) ADC linker used in the synthesis of antibody-drug conjugates (ADCs)

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

[1]. Karpov AS, et al. Nicotinamide Phosphoribosyltransferase Inhibitor as a Novel Payload for Antibody-Drug Conjugates. ACS Med Chem Lett. 2018 Jun 28;9(8):838-842.

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

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