
Product Data Sheet

Product Name: Hydroxy-PEG2-acid

Cat. No.: GC60921

Chemical Properties

Cas. No. 1334286-77-9

SMILES OC(CCOCCOCCO)=OFormula $C_7H_{14}O_5$

M.Wt 178.18

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:3):
0.25 mg/ml, Ethanol: 10 mg/mlStore
Storage at -
20°C

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 sizes: ship with RT, or blue ice upon request.

Structure **Background**

Hydroxy-PEG₂ acid is a PEGylated building block.^{1,2} It has been used in the synthesis of lysophosphatidic acid (LPA) receptor antagonists and ionic complexes.

1. Sharma, S., Van Der Ploeg, L., and Henderson, B. Pharmaceutical compositions (2014)
2. Bolli, M., Brotschi, C., Lescop, C., et al. Alkoxy-substituted pyridinyl derivatives as LPA1 receptor antagonists and their use in the treatment of fibrosis (2019)

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

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