

HOOC-PEG-SH (MW 1000)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	HOOC-PEG-SH (MW 1000) [also known as HOOC-PEG-Thiol (MW 1000)] is a thiol-terminated PEG derivative with a carboxyl group at the end. This carboxyl group can react with amines or hydroxyls to form stable amide bonds or less stable ester bonds. Such reactions enable conversion of amines or hydroxyls to free thiols linked via a linear PEG chain. The resulting thiol group can be used to modify gold nanoparticle surfaces or for other PEGylation reactions. The PEG linkage between the thiol and carboxyl groups offers excellent water solubility, flexible linkage distance, and enhanced stability.
Targets(IC50)	Others

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