

## Product Information

### NHS PEG reagent, m-PEG37-NHS ester, Purity 98%

**Cat. No.:** X24-09-YYX194

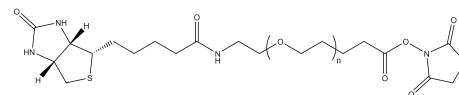
**Size:** 100 mg; 500 mg; 1 g

**CAS Number:** 174569-25-6

**PubChem CID:** 51340984

**Synonym:** 174569-25-6; mPEG36-CH<sub>2</sub>CH<sub>2</sub>COONHS ester

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	m-PEG37-NHS ester serves as another PEG linker incorporating an NHS ester moiety capable of labeling primary amines <i>t</i> -located within proteins or modified oligonucleotides along with various other molecules containing amino functionalities.
<b>Molecular Weight</b>	1787.1
<b>Molecular Formula</b>	C <sub>80</sub> H <sub>155</sub> NO <sub>41</sub>
<b>Functional Group 1</b>	Ester
<b>Functional Group 2</b>	NHS
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Amine
<b>IUPAC Name</b>	(2,5-Dioxopyrrolidin-1-yl) 3-(2-methoxyethoxy)propanoate
<b>InChI</b>	InChI=1S/C10H15NO6/c1-15-6-7-16-5-4-10(14)17-11-8(12)2-3-9(11)13/h2-7H2,1H3
<b>InChI Key</b>	IMSXKORGQVQCNT-UHFFFAOYSA-N
<b>Canonical SMILES</b>	COCCOCCC(=O)ON1C(=O)CCC1=O
<b>Form</b>	Solid or viscous liquid
<b>Purity</b>	98%
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	m-PEG37-NHS ester is used in the creation of long-chain PEGylated compounds for enhancing solubility and stability of drugs or biomolecules.
<b>Storage</b>	Store at -20°C.