

## Product Information

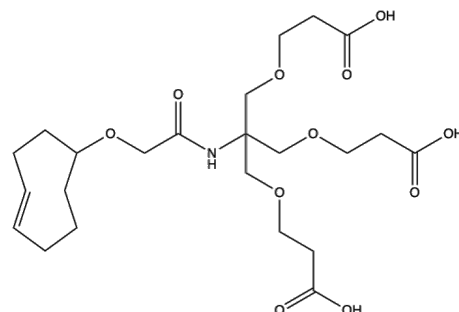
### Amino PEG reagent, TCO-amino-tri-(acid-ethoxymethyl), Purity 95%

**Cat. No.:** X24-03-YW0241

**Size:** 50 mg; 100 mg

**Synonym:** Multifunctional PEG linker

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



#### Product Information

<b>Description</b>	TCO-amino-tri-(acid-ethoxymethyl) is a compound featuring a TCO (trans-cyclooctene) group, amino functionalities, and three acid-ethoxymethyl moieties. The TCO group enables bioorthogonal chemistry for specific labeling and conjugation applications.
<b>Molecular Weight</b>	503.6
<b>Molecular Formula</b>	$C_{23}H_{37}NO_{11}$
<b>Functional Group 1</b>	Amino
<b>Functional Group 2</b>	None
<b>Functional Group 3</b>	None
<b>Form</b>	Reported
<b>Purity</b>	95%
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	TCO-amino-tri-(acid-ethoxymethyl) can be used in bioconjugation reactions, particularly in the context of click chemistry. The TCO group facilitates rapid and selective reactions with tetrazine or strained alkene partners, enabling site-specific labeling of biomolecules or surface modification of substrates. Additionally, the amino groups offer versatility for further functionalization, while the acid-ethoxymethyl groups provide protection during synthesis and can be selectively cleaved under mild conditions for subsequent modifications.
<b>Storage</b>	Store at -20°C