

## Product Information

### Maleimide/NHS PEG reagent, Mal-NO<sub>2</sub>-Ph-PEG12-NHS

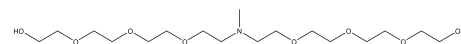
**Cat. No.:** X24-09-YYX226

**Size:** 25 mg; 50 mg; 100 mg

**CAS Number:** 2353409-78-4

**Synonym:** 2353409-78-4; Maleimide/NHS PEG reagent; Mal-NO<sub>2</sub>-Ph-PEG12-NHS

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



#### Product Information

Description	Mal-NO <sub>2</sub> -Ph-PEG12-NHS is offered at reagent grade intended for research applications.
Molecular Weight	959
Molecular Formula	C <sub>42</sub> H <sub>62</sub> N <sub>4</sub> O <sub>21</sub>
Functional Group 1	Maleimide
Functional Group 2	NHS
Functional Group 3	Nitro
Reactive Group 1	Amine
Reactive Group 2	Thiol
Form	Solid or viscous liquid
Identity	Confirmed by NMR.
Applications	In the area of drug delivery, it can be used to conjugate drugs to targeting ligands or nanoparticles. The maleimide group enables specific conjugation with thiol-containing molecules, while the PEG chain enhances solubility and biocompatibility. The nitrobenzene and phenyl groups may contribute to the compound's properties for controlled release or targeting purposes.
Storage	Store at -20°C.