

**Product Name** : 6-Maleimidohexanoic acid N-hydroxysuccinimide ester

**Synonyms** : EMCS

**Cat No.** : M15025

**CAS Number** : 55750-63-5

**Molecular Formula** : C<sub>14</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>

**Formula Weight** : 308.29

**Chemical Name** : 1H-Pyrrole-1-hexanoic acid, 2,5-dihydro-2,5-dioxo-, 2,5-dioxo-1-pyrrolidinyl ester

**Description** : A heterobifunctional cross-linking reagent incorporating an extended spacer with amine and sulfhydryl reactivity; a useful protective group in antibody drug conjugates.

**Pathway** : Antibody Drug Conjugates (ADC)

**Target** : ADCs Linker/Click Chemistry

**Receptor** : ADCs Linker/Click Chemistry

**Solubility** : 10 mM in DMSO

**SMILES** : C1CC(=O)N(C1=O)OC(=O)CCCCCN2C(=O)C=CC2=O

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Ehrlich GK, et al. Bioconjug Chem. 2013 Dec 18;24(12):2015-24. | 2. Maeda M, et al. Bioorg Med Chem Lett. 2005 Feb 1;15(3):621-4. | 3. Kida S, et al. Bioorg Med Chem Lett. 2006 Feb;16(3):743-5.

