

Product Information

BMPS, Purity ≥98%

Cat. No.: X24-09-YM1270

Size: 100 mg; 200 mg; 500 mg; 1 g

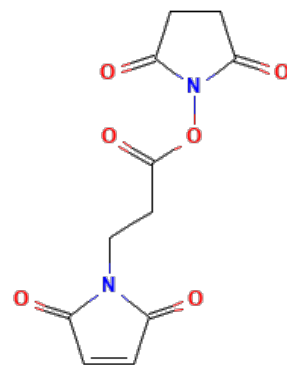
MDL: MFCD00043141

CAS Number: 55750-62-4

Compound CID: 4620597

Synonym: 55750-62-4; *N*-Succinimidyl 3-maleimidopropionate;
(2,5-Dioxopyrrolidin-1-yl) 3-(2,5-dioxopyrrol-1-yl)propanoate

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



Product Information

Description	BMPS is a short, sulfhydryl and amino reactive heterobifunctional crosslinking reagent. The molecular weight of the compound is 266.21, and its molecular formula is C ₁₁ H ₁₀ N ₂ O ₆ .
Molecular Weight	266.21
Molecular Formula	C ₁₁ H ₁₀ N ₂ O ₆
IUPAC Name	(2,5-Dioxopyrrolidin-1-yl) 3-(2,5-dioxopyrrol-1-yl)propanoate
InChI	InChI=1S/C11H10N2O6/c14-7-1-2-8(15)12(7)6-5-11(18)19-13-9(16)3-4-10(13)17/h1-2H,3-6H2
InChI Key	JKHVDAUOODACDU-UHFFFAOYSA-N
Canonical SMILES	C1CC(=O)N(C1=O)OC(=O)CCN2C(=O)C=CC2=O
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	BMPS can be studied extensively for its potential therapeutic applications in the treatment of cancer and immunology.
Storage	Store at -20°C, and keep desiccated.