

Product Information

SMCC

Cat. No.: X24-08-LY044

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g; 10 g

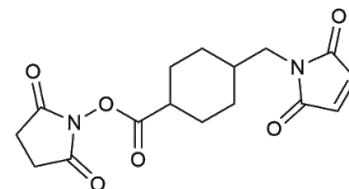
CAS Number: 64987-85-5

Compound CID: 125175

Synonym: 64987-85-5;

Succinimidyl-trans-4-(*N*-maleimidymethyl)cyclohexane-1-carboxylate

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



Product Information

Description	SMCC has a bifunctional group with a maleic anhydride group (succinimidyl group) on one end and a maleimide group on the other.
Molecular Weight	334.33
Molecular Formula	C ₁₆ H ₁₈ N ₂ O ₆
IUPAC Name	(2,5-Dioxopyrrolidin-1-yl) 4-[(2,5-dioxopyrrol-1-yl)methyl]cyclohexane-1-carboxylate
InChI	InChI=1S/C16H18N2O6/c19-12-5-6-13(20)17(12)9-10-1-3-11(4-2-10)16(23)24-18-14(21)7-8-15(18)22/h5-6,10-11H,1-4,7-9H2
InChI Key	JJAHTWIKCUJRDK-UHFFFAOYSA-N
Canonical SMILES	C1CC(CCC1CN2C(=O)C=CC2=O)C(=O)ON3C(=O)CCC3=O
Form	White to off-white powder
Purity	≥98%, determined by UPLC.
Applications	SMCC can be used for the modification and linkage of various biomolecules.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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