Product datasheet

Disuccinimidyl suberate ab141274

Overview

Product name          Disuccinimidyl suberate
Description          Homobifunctional primary amine reactive cross-linker
Biological description Homobifunctional primary amine reactive cross-linker. Contains an 8 atom linker (11.4 Å) and can cross-link distances up to ~25 Å due to protein flexibility. Produces no toxic side products.
Purity              > 99%

Properties

Chemical name        Octanedioic acid 1,8-bis(2,5-dioxo-1-pyrrolidinyl) ester
Molecular weight      368.34
Chemical structure

Molecular formula C₁₆H₂₀N₂O₈
CAS Number           68528-80-3
PubChem identifier   100658
Storage instructions Store at +4°C. The product can be stored for up to 12 months.
Solubility overview Soluble in DMSO to 100 mM
Handling

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES          O=C2CCC(=O)N2OC(=O)CCCCCCC(=O)ON1C(=O)CCC1=O
Source            Synthetic

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