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:

![Chemical structure of Disuccinimidyl suberate](image)

Molecular formula: C_{16}H_{20}N_{2}O_{8}
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

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Replacement or refund for products not performing as stated on the datasheet
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