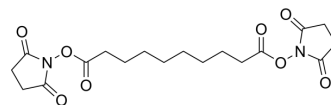


## Disuccinimidyl sebacate

|                    |   |       |          |
|--------------------|---|-------|----------|
| Cat. No.:          | HY-119523   |       |          |
| CAS No.:           | 23024-29-5  |       |          |
| Molecular Formula: | C <sub>18</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub> |       |          |
| Molecular Weight:  | 396   |       |          |
| Target:            | Biochemical Assay Reagents                                    |       |          |
| Pathway:           | Others  |       |          |
| Storage:           | Powder  | -20°C | 3 years  |
|                    | In solvent  | -80°C | 6 months |
|                    |   | -20°C | 1 month  |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (126.26 mM; Need ultrasonic)

| Concentration | Mass      |            |            |
|---------------|-----------|------------|------------|
|               | 1 mg      | 5 mg       | 10 mg      |
| 1 mM          | 2.5253 mL | 12.6263 mL | 25.2525 mL |
| 5 mM          | 0.5051 mL | 2.5253 mL  | 5.0505 mL  |
| 10 mM         | 0.2525 mL | 1.2626 mL  | 2.5253 mL  |

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Disuccinimidyl sebacate (DSSEB) is a cross-linker that can be used in the synthesis of the intermolecular cross-linked peptides<sup>[1]</sup>.

### REFERENCES

[1]. Santos LFA, et, al. IRMPD and ECD fragmentation of intermolecular cross-linked peptides. J Mass Spectrom. 2011 Mar;46(3):262-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA