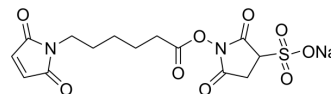


## 6-Maleimidocaproic acid sulfo-NHS sodium

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-136158A   |
| CAS No.:           | 215312-86-0  |
| Molecular Formula: | C <sub>14</sub> H <sub>15</sub> N <sub>2</sub> NaO <sub>9</sub> S  |
| Molecular Weight:  | 410.33   |
| Target:            | PROTAC Linkers   |
| Pathway:           | PROTAC   |
| Storage:           | 4°C, sealed storage, away from moisture<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (304.63 mM; Need ultrasonic)

| Concentration | Mass      |            |            |  |
|---------------|-----------|------------|------------|--|
|               | 1 mg      | 5 mg       | 10 mg      |  |
| 1 mM          | 2.4371 mL | 12.1853 mL | 24.3706 mL |  |
| 5 mM          | 0.4874 mL | 2.4371 mL  | 4.8741 mL  |  |
| 10 mM         | 0.2437 mL | 1.2185 mL  | 2.4371 mL  |  |

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

### BIOLOGICAL ACTIVITY

#### Description

6-Maleimidocaproic acid sulfo-NHS (Sulfo-EMCS) sodium is an alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTACs<sup>[1]</sup>.

#### In Vitro

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins<sup>[1]</sup> MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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

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