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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

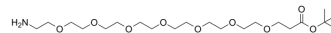
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Amino-PEG7-t-butyl ester

| | |
|--------------------|--|
| Cat. No.: | HY-132101 |
| CAS No.: | 2428400-07-9 |
| Molecular Formula: | C ₂₁ H ₄₃ NO ₉ |
| Molecular Weight: | 453.57 |
| Target: | PROTAC Linkers |
| Pathway: | PROTAC |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (220.47 mM)
* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
|---------------------------|-----------------------|------|-----------|------------|------------|
| | | | | | |
| | 1 mM | | 2.2047 mL | 11.0237 mL | 22.0473 mL |
| | 5 mM | | 0.4409 mL | 2.2047 mL | 4.4095 mL |
| | 10 mM | | 0.2205 mL | 1.1024 mL | 2.2047 mL |

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

BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | Amino-PEG7-t-butyl ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] . |
| IC ₅₀ & Target | PEGs |
| 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 ^[1] . 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

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