S-acetyl-PEG4-amine TFA

Cat. No.: HY-138752A

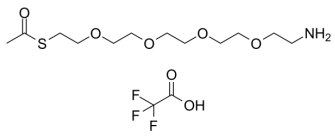
Molecular Formula: $C_{14}H_{26}F_3NO_7S$

Molecular Weight: 409.42

Target: PROTAC Linkers

Pathway: PROTAC

Storage: -20°C, protect from light
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (305.31 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.4425 mL	12.2124 mL	24.4248 mL
	5 mM	0.4885 mL	2.4425 mL	4.8850 mL
	10 mM	0.2442 mL	1.2212 mL	2.4425 mL

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

BIOLOGICAL ACTIVITY

Description

S-acetyl-PEG4-amine (TFA) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

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]. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-1011.

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