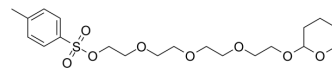


Tos-PEG4-THP

Cat. No.:	HY-130819
CAS No.:	86259-89-4
Molecular Formula:	C ₂₀ H ₃₂ O ₈ S
Molecular Weight:	432.53
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (231.20 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		2.3120 mL	11.5599 mL	23.1198 mL
	5 mM		0.4624 mL	2.3120 mL	4.6240 mL
	10 mM		0.2312 mL	1.1560 mL	2.3120 mL

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

BIOLOGICAL ACTIVITY

Description

Tos-PEG4-THP is a PEG-based PROTAC linker can be used in the synthesis of PROTAC K-Ras Degradar-1 (HY-129523)^[1].

IC₅₀ & 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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Andrew P. Crew, et al. Modulators of proteolysis and associated methods of use. WO2019195609A2.

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

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