AM-Imidazole-PA-Boc

Cat. No.: HY-129968

CAS No.: 2357108-99-5

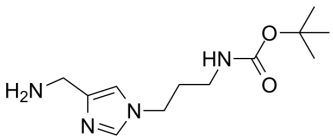
Molecular Formula: $C_{12}H_{22}N_4O_2$

Molecular Weight: 254.33

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 (393.19 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.9319 mL	19.6595 mL	39.3190 mL
	5 mM	0.7864 mL	3.9319 mL	7.8638 mL
	10 mM	0.3932 mL	1.9659 mL	3.9319 mL

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

BIOLOGICAL ACTIVITY

Description

AM-Imidazole-PA-Boc is an alkyl chain-based PROTAC linker can be used in the synthesis of PROTAC IRAK4 degrader-1 (HY-129966)[1].

IC_{50} & Target

Alkyl-Chain

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]. Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

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