EDA-DA TFA

Cat. No.: HY-147097A

CAS No.: 87156-01-2

Molecular Formula: $C_{10}H_{13}F_3N_2O_5$

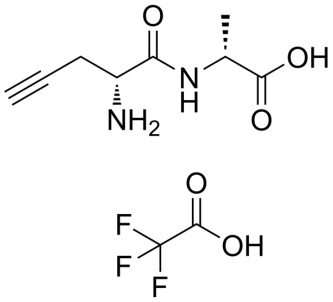
Molecular Weight: 298.22

Target: Bacterial

Pathway: Anti-infection

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 100 mg/mL (335.32 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.3532 mL	16.7661 mL	33.5323 mL
	5 mM	0.6706 mL	3.3532 mL	6.7065 mL
	10 mM	0.3353 mL	1.6766 mL	3.3532 mL

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

BIOLOGICAL ACTIVITY

Description

EDA-DA is a N-terminally tagged dipeptide probe, can be used to label Peptidoglycan (PG) of bacteria. EDA-DA is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAc) with molecules containing Azide groups[1].

REFERENCES

[1]. G W Liechti, et al. A new metabolic cell-wall labelling method reveals peptidoglycan in Chlamydia trachomatis. Nature. 2014 Feb 27;506(7489):507-10.

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