

dTAGV-1 TFA Biochemical | dTAGV-1 biochemical

dTAGV-1 TFA

CATALOG #
AAA228540

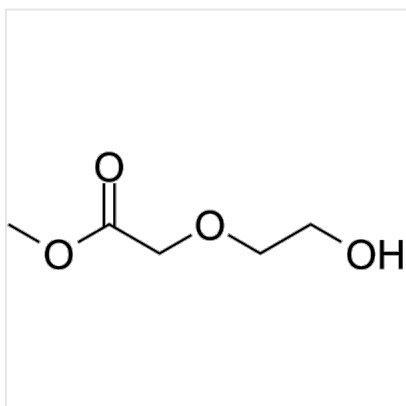
PRODUCT SYNONYMS

dTAGV-1 TFA; dTAGV-1 biochemical

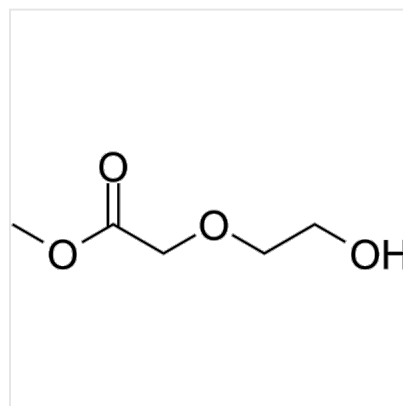
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2624313-15-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	dTAGV-1 (35 mg/kg; i.p. once daily for 4 days) TFA induces degradation of FKBP12 F36V -Nluc in mice[1]. dTAGV-1 (2-10 mg/kg; i.p.) TFA exhibits half-lives (T _{1/2} =3.64 and 4.4 h), C _{max} (595 and 2123 ng/mL) and great exposure (AUC _{inf} =3136 and 18517 h/ng/mL) in mice[1]. dTAGV-1 (2 mg/kg; i.v.) TFA exhibits half-life (T _{1/2} =3.02 h), C _{max} (7780 ng/mL) and great exposure (AUC _{inf} =3329 h/ng/mL) in mice[1]. Animal Model: 8-week-old immunocompromised female mice were transplanted with MV4;11 luc-FKBP12 F36V cells[1]. Dosage: 35 mg/kg. Administration: I.p. once daily for 4 days. Result: Observed striking loss of bioluminescent signal 4h after the first and three administrations. Degradation evident 28h after the final administration.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Methyl acetate-PEG1, CAS 58349-37-4



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ADDITIONAL INFORMATION

Related Product Information for dTAGV-1 biochemical	dTAGV-1 TFA is a potent and selective degrader of mutant FKBP12 F36V fusion proteins. dTAGV-1 TFA can induce degradation of FKBP12 F36V -Nluc in vivo.
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

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/dtagv-1-tfa/228540>