

AS-99 TFA Biochemical | AS-99 biochemical

AS-99 TFA

CATALOG #
AAA227245

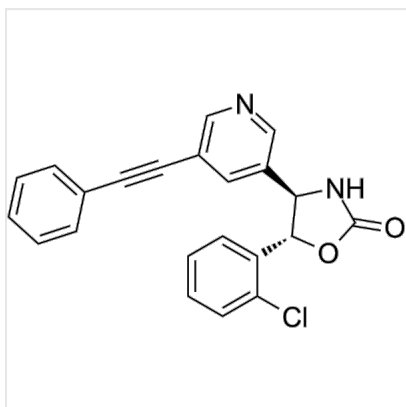
PRODUCT SYNONYMS

AS-99 TFA; AS-99 biochemical

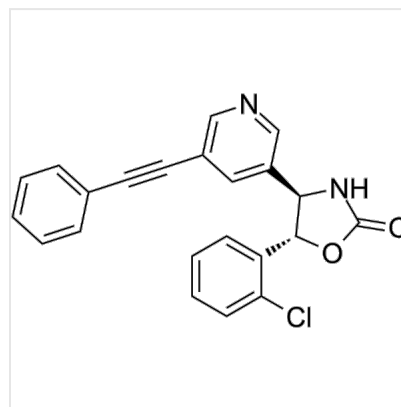
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMSO: 250 mg/mL (353.25 mM), Need ultrasonic <1mg/ml refers to the product slightly soluble or insoluble
In vitro	AS-99 (30 mg/kg; i.p.; q.d., treated for 14 consecutive days) TFA reduces leukemia burden in mice[1].AS-99 TFA is used for in vivo studies in mice, which reveals favorable exposure in plasma upon i.v. and i.p. administration (AUC = 9701 hr* ng/mL and 10,699 hr* ng/mL, respectively), suitable half-life (~5-6 h) and Cmax 10 uM[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
BMS-984923, CAS 1375752-78-5



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ADDITIONAL INFORMATION

Related Product Information for AS-99 biochemical	AS-99 TFA is a first-in-class, potent and selective ASH1L histone methyltransferase inhibitor (IC ₅₀ = 0.79 uM, K _d = 0.89 uM) with anti-leukemic activity. AS-99 TFA blocks cell proliferation, induces apoptosis and differentiation, downregulates MLL fusion target genes, and reduces the leukemia burden in vivo[1].
References	1. Laura T Haas, et al. Silent Allosteric Modulation of mGluR5 Maintains Glutamate Signaling while Rescuing Alzheimer's Mouse Phenotypes. Cell Rep. 2017 Jul 5;20(1):76-88. 2. Hong Huang, et al. Oxazolidinone-based allosteric modulators of mGluR5: Defining molecular switches to create a pharmacological tool box. Bioorg Med Chem Lett. 2016 Sep 1;26(17):4165-9.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/biochemical/as-99-tfa/227245>