

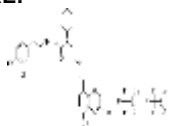
PRODUCT: AZ-505 ditrifluoroacetate**RELATED PRODUCTS:**

LLY-507 (B1111)

ALTERNATE NAME: N-cyclohexyl-3-[2-(3,4-dichlorophenyl)ethylamino]-N-[2-[2-(5-hydroxy-3-oxo-4H-1,4-benzoxazin-8-yl)ethylamino]ethyl]propanamide bis(2,2,2-trifluoroacetate)

CATALOG NUMBER: B1883-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₃H₄₀Cl₂F₆N₄O₈

MOLECULAR WEIGHT: 805.59

CAS NUMBER: 1035227-44-1

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION:

AZ-505 is a potent and highly selective inhibitor of SMYD2 (IC₅₀ = 0.12 μM) with potential anticancer activity. Displays >600-fold selectivity over other histone methyltransferases, such as SMYD3 (IC₅₀>83.3 μM), DOT1L (IC₅₀>83.3 μM) and EZH2 (IC₅₀>83.3 μM)¹

REFERENCES:

Komatsu, S., et al. (2015). *Br. J. Cancer* **112**, 357-364;
Ferguson, A.D., et al. (2011). *Structure* **19**, 1262-1273.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

USAGE:

FOR RESEARCH USE ONLY! Not to be used in humans